# VMware Accessibility Conformance Report

# International Edition

**(Based on VPAT**® **Version 2.4Rev)**

## Name of Product/Version: VMware Telco Cloud Automation 2.0.1

## Report Date: May 2022

**Product Description:** VMware Telco Cloud Automation, (herein referred to as “the Product”) is a cloud orchestration solution that accelerates the time-to-market of modern network functions and services. It provides a simplified life-cycle management automation solution, across any network, and any cloud.

## Evaluation Methods Used: Testing of the Product involved extensive use of leading assistive technologies, such as screen readers (NVDA), and the keyboard as well. The pages were tested on Chrome with NVDA on Windows Operating System. Also, the code was inspected manually using developer tools on Chrome.

## Clarity Disclaimer: The Product was built using Clarity 3.1.5 and Angular 9.1.9. Please refer to the Clarity VPAT and Google Angular VPAT for more accessibility details.

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## Notes: NA

## Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

| Standard/Guideline | Included in Report |
| --- | --- |
| [Web Content Accessibility Guidelines 2.0](http://www.w3.org/TR/2008/REC-WCAG20-20081211) | Level A (Yes)  Level AA (Yes) |
| [Web Content Accessibility Guidelines 2.1](https://www.w3.org/TR/WCAG21) | Level A (Yes)  Level AA (Yes) |
| [Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines) | (Yes) |
| [EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf), - V3.1.1 (2019-11) | (Yes) |

## Terms

The terms used in the Conformance Level information are defined as follows:

* **Supports**: The functionality of the Product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
* **Partially Supports**: Some functionality of the Product does not meet the criterion.
* **Does Not Support**: The majority of product functionality does not meet the criterion.
* **Not Applicable**: The criterion is not relevant to the Product.
* **Not Evaluated**: The Product has not been evaluated against the criterion. This can be used only in WCAG 2.1 Level AAA.

## WCAG 2.1 Report

Tables 1 and 2 also document conformance with:

* EN 301 549: Chapter 9 - Web, Sections 10.1-10.4 of Chapter 10 - Non-Web documents, and Sections 11.1-11.4 and 11.8.2 of Chapter 11 - Non-Web Software (open and closed functionality), and Sections 12.1.2 and 12.2.4 of Chapter 12 – Documentation
* Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](https://www.w3.org/TR/WCAG21/).

### Table 1: Success Criteria, Level A

Notes:

| **Criteria** | **Conformance Level** | **Remarks and Explanations** | |
| --- | --- | --- | --- |
| [**1.1.1 Non-text Content**](http://www.w3.org/TR/WCAG20/#text-equiv-all) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially supports | The Product provides textual equivalent for most non-text content except for the below instances   * Tick and cross mark icon is not provided with equivalent text alternative * Topology view has no equivalent text alternative * Screen reader announces the decorative image present in the radio button * An alternative text is not defined for the error icons * Voiceover identifies an unlabeled decorative image before search field * The application has several <svg> tags with a role as image but no alternative text |
| [**1.2.1 Audio-only and Video-only (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.2.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not have prerecorded audio-only or video-only content. |
| [**1.2.2 Captions (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-captions) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.2.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not have prerecorded synchronized media content. |
| [**1.2.3 Audio Description or Media Alternative (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.2.3 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not have prerecorded synchronized media content. |
| [**1.3.1 Info and Relationships**](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.3.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product conveys info and relationships in content that is available in text or can be programmatically determined on most pages. Examples of exceptions include:   * Most of the pages in the product does not have hierarchical heading structure * Table caption is missing for all the tables * Landmarks are not present * Many of the form fields do not have programmatically associated label * Heading level 1 is missing is almost all the pages * Table is used for layout purpose * Breadcrumb region is not semantically coded * Select dropdowns for the selection of tags (Key and value) is not provided with a visual label other than the default select option * Submenu items are read as "button" * Broken datagrid structure that does not have proper column headers related * Nested table is present which does not give proper association and relation between the data of the tooltip over the parent table * Stepper component is not structured in <nav> |
| [**1.3.2 Meaningful Sequence**](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.3.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially supports | The Product presents content in a meaningful sequence on most pages. Examples of exceptions include:   * Title of the dialog is not placed as the first item * Voiceover does not announce the expanded table row content * The reading order of left navigation and main content does not match visual order |
| [**1.3.3 Sensory Characteristics**](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding)(Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.3.3 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | The Product includes instructions that are not dependent on sensory characteristics for operating and understanding the content. |
| [**1.4.1 Use of Color**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.4.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially supports | The Product does not rely on the use of color to communicate meaning on many pages. Examples of exceptions include:   * Visual differentiation missing for Breadcrumb links * Step status as to completed or current step is conveyed through color * Color alone is used to convey the information in the charts * Color alone is used to distinguish the link present in 'Name' column from surrounding text |
| [**1.4.2 Audio Control**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.4.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not contain audio content that plays automatically. |
| [**2.1.1 Keyboard**](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product uses interactive elements which can be accessed via keyboard alone on most pages.  Example of exceptions include:   * Sub elements of Treeview elements are not keyboard operable * Zoom related elements are not keyboard focusable * Standard keyboard navigation is missing for radio buttons * Non-interactive content receives tab focus * Column resizer is not available in keyboard * Edit and Delete actions are available only in mouse hover * Hidden input element receives keyboard focus * User is unable to select the treenode with the space key * Focus moves to a static container while navigating through the alerts dialog using tab key * Keyboard focus moves to the entire dialog content |
| [**2.1.2 No Keyboard Trap**](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially supports | The Product does not contain keyboard traps on most pages. Examples of exception include:   * Focus is trapped inside the menu option |
| [**2.1.4 Character Key Shortcuts**](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.1.4 (Web)   Revised Section 508 – Does not apply | | Not Applicable | The Product does not provide custom character key shortcuts. |
| [**2.2.1 Timing Adjustable**](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.2.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product provides users with an option to adjust, extend or turn off the time limits on many pages. Examples of exceptions include:   * The error messages disappear even before the user reads the messages |
| [**2.2.2 Pause, Stop, Hide**](http://www.w3.org/TR/WCAG20/#time-limits-pause) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.2.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not contain moving, blinking, scrolling, or auto-updating information. |
| [**2.3.1 Three Flashes or Below Threshold**](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.3.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not contain flashing content. |
| [**2.4.1 Bypass Blocks**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.4.1 (Web)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software | | Partially supports | The Product provides a mechanism to bypass blocks of repeated content on most pages except for couple of instances.  Examples of exceptions include:   * Skip link is not present in the header * Heading levels are not structured in most of the pages to skip between the sections. |
| [**2.4.2 Page Titled**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.4.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Does Not Support | The Product does not provide page titles that reflect the topic or purpose on all pages |
| [**2.4.3 Focus Order**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.4.3 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product has a focus order that is meaningful on most pages. Examples of exceptions include:   * Focus is not set automatically to the field has an error * Std. keyboard navigation is missing for kebab menu * Elements do not receive focus when "Open" control is expanded * Keyboard focus does not move to the triggered element on closing the dialog The focus does not stay in the dialog unless user closes it * Keyboard focus moves to the background content even when the modal dialog is shown on the page * Keyboard focus goes missing while navigating between the chart items * Focus shift to the new revealed content is not sequential * The focus does not move back to the information icon button on closing the non-modal signpost |
| [**2.4.4 Link Purpose (In Context)**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.2.4.4 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially supports | The Product provides well-defined links that can be determined from the link text alone or from the link text together with its programmatically determined link context many pages. Examples of exceptions include:   * In left navigation, a title attribute is provided for the images which is same as the text present beside the image. |
| [**2.5.1 Pointer Gestures**](https://www.w3.org/TR/WCAG21/#pointer-gestures) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.5.1 (Web)   Revised Section 508 – Does not apply | | Not Applicable | The Product does not use multipoint or path- based gestures. |
| [**2.5.2 Pointer Cancellation**](https://www.w3.org/TR/WCAG21/#pointer-cancellation) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.5.2 (Web)   Revised Section 508 – Does not apply | | Supports | The Product supports pointer cancellation and no down events. |
| [**2.5.3 Label in Name**](https://www.w3.org/TR/WCAG21/#label-in-name) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.5.3 (Web)   Revised Section 508 – Does not apply | | Partially Supports | The Product provides names for interactive elements that contain the text which is presented visually for user interface components on most pages except for one instance.   * Sortable column headers are provided with aria-label that replaces the visual label |
| [**2.5.4 Motion Actuation**](https://www.w3.org/TR/WCAG21/#motion-actuation) (Level A 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.2.5.4 (Web)   Revised Section 508 – Does not apply | | Not Applicable | The Product does not contain functionality that relies on device motion or user motion. |
| [**3.1.1 Language of Page**](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.3.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | The Product identifies the default language of the page. |
| [**3.2.1 On Focus**](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.3.2.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially supports | The Product does not cause a change of context on focus on many pages. Examples of exceptions include:   * Select cloud dialog opens automatically on focus |
| [**3.2.2 On Input**](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.3.2.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially supports | The Product does not cause an unexpected change of context when interacting with elements on most pages.  Examples of exceptions include:   * Keyboard focus moves away from the checkbox present in last column of the table when the user activates it * The focus moves away from the element on user input |
| [**3.3.1 Error Identification**](http://www.w3.org/TR/WCAG20/#minimize-error-identified) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.3.3.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product uses error identification on most pages except for the below instances.   * There is no specific error message displayed for the field "vCenter User(s) / User Group(s)" field of the "Create Permissions" page * Screen reader does not announce the error message associated with 'Minimum number of hosts' text field * The error message is not descriptive enough for the user to understand and correct it |
| [**3.3.2 Labels or Instructions**](http://www.w3.org/TR/WCAG20/#minimize-error-cues) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.3.3.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product provides labels or instructions for input fields on most pages. Examples of exceptions include:   * "Required" is not associated programmatically for Mandatory fields * Help text disappears on error occurrence * No instruction for the required status of the form fields * The required and optional fields are not distinguished for the users * A descriptive label is not defined for the text fields present in filter section |
| [**4.1.1 Parsing**](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.4.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Does Not Support | The Product does not provide appropriate markup that can be interpreted and parsed by assistive technologies on all pages. Examples include:   * Many duplicate IDs in the product * Screen reader announces incorrect index for the tab buttons |
| [**4.1.2 Name, Role, Value**](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Does Not Support | The Product does not provide the name, role, and/or value for user interface components that can be programmatically determined by assistive technologies for most pages. Examples include:   * Role not announced for "Total Alarms 3" * Tab widget is not structured as such * Button do not indicate that element represents the current step in multi-step form * Tab structure is provided for stepper component * Optional field is read as "Required" * Step progress is not available for the screen reader users * Error fields are not provided with aria attribute to inform the error state * Invalid aria-expanded attribute is defined for the Tabpanel section * Role treeitem is used twice for the same element in the tree * Voiceover announces invalid role for tree and user is unable to navigate with standard keys * Slider control is not announced with the name * The iframes present in the page do not have titles |

### Table 2: Success Criteria, Level AA

Notes:

| **Criteria** | **Conformance Level** | **Remarks and Explanations** | |
| --- | --- | --- | --- |
| [**1.2.4 Captions (Live)**](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.1.2.4 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not contain live synchronized media. |
| [**1.2.5 Audio Description (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.1.2.5 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not contain synchronized media  content. |
| [**1.3.4 Orientation**](https://www.w3.org/TR/WCAG21/#orientation) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.3.4 (Web)   Revised Section 508 – Does not apply | | Supports | The Product does not restrict content views and operation to a single display orientation. |
| [**1.3.5 Identify Input Purpose**](https://www.w3.org/TR/WCAG21/#identify-input-purpose) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.3.5 (Web)   Revised Section 508 – Does not apply | | Not Applicable | The Product does not contain form fields that collect information about the user. |
| [**1.4.3 Contrast (Minimum)**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.1.4.3 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product provides sufficient color contrast for text on most pages.  Examples of exceptions include:   * Helper text lacks to have 4.5:1 contrast ratio * Each tree node fails to meet a minimum color contrast ratio of 4.5:1 * The unselected tabs fail to meet a contrast ratio of 4.5:1 * The link present in first column of the table fails to meet a minimum contrast ratio of 4.5:1 with the background * The options in the <select> field fails to meet a contrast ratio of 4.5:1 on focus * The 'Save' button does not have a minimum color contrast ratio of 4.5:1 with background * The placeholder text does not have a minimum contrast ratio of 4.5:1 * The links present in left navigation fails to meet a contrast ratio of 4.5:1 with background on hover |
| [**1.4.4 Resize text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.1.4.4 (Web)   Revised Section 508   * 501 (Web)(Software) | | Does Not Support | The Product does not allow text to be resized up to 200 percent without loss of content or functionality on all pages. |
| [**1.4.5 Images of Text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.1.4.5 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product provides information with plain text rather than images on many pages. Examples of exceptions include:   * Text is printed on the image present below the steps rather than using plain html text |
| [**1.4.10 Reflow**](https://www.w3.org/TR/WCAG21/#reflow) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.4.10 (Web)   Revised Section 508 – Does not apply | | Does Not Support | The Product does not allow content to be presented without loss of information or functionality, and without requiring scrolling in two dimensions for the dimensions required by this criterion on most pages. |
| [**1.4.11 Non-text Contrast**](https://www.w3.org/TR/WCAG21/#non-text-contrast) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.4.11 (Web)   Revised Section 508 – Does not apply | | Partially supports | The Product provides sufficient color contrast for user interface components and graphical objects on or most pages with such content. Examples of exceptions include:   * Boundary line for the form controls like text field, radio button and checkbox lacks 3:1 * The down pointing arrow fails to meet a contrast ratio of 3:1 with background * Slider controls lacks to have 3:1 contrast ratio * Focus indicator lacks to have 3:1 requirement * The 'X' button does not have a minimum contrast ratio of 3:1 * The filter icon present in the column headers fails to meet a contrast ratio of 3:1 * The column adjuster present in the table does not have a minimum contrast ratio of 3:1 |
| [**1.4.12 Text Spacing**](https://www.w3.org/TR/WCAG21/#text-spacing) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.4.12 (Web)   Revised Section 508 – Does not apply | | Partially Supports | The Product provides no loss of content or functionality when text spacing is modified according to the guidelines in this criterion on most pages.  Examples of exceptions include:   * The first row in the table and the tooltip content present in 'Privileges' section of the dialog is clipped * The content in the information icon tooltips is clipped when the text resize properties are applied * The content present in 'Vmware vSAN' information icon tooltip is clipped when the text resize properties are applied * The text ellipse is seen when the text resize properties are applied |
| [**1.4.13 Content on Hover or Focus**](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.1.4.13 (Web)   Revised Section 508 – Does not apply | | Partially supports | The Product provides content that becomes available on hover or focus, which can be dismissible, hoverable, and persistent on many pages with such content except for couple of instances.   * Tooltips displayed by hovering mouse over events in the Add Templates workflow is not dismissible * Tooltip content displayed by hovering mouse over events in the Add Templates workflow is not hoverable * Unable to close the tooltip in the “Roles” page without using the mouse * Unable to dismiss the tooltip in the “Resource stats” column without moving mouse and unable to hover over the tooltip content. * The tooltip content on charts is not hoverable/dismissible |
| [**2.4.5 Multiple Ways**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.4.5 (Web)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software | | Supports | The Product provides more than one way to locate a web page within a set of web pages except where the web page is the result of, or a step in, a  process. |
| [**2.4.6 Headings and Labels**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.4.6 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product provides descriptive and unique headings and labels on most pages that contain headings and or labels. Examples of exceptions include:   * Signpost label is not descriptive and contextual * The label of 'Open' and 'Close' buttons present in table are not unique * The checkbox/switch does not have unique and descriptive label * The label of 'X' button can be more precise for the users * The information icon presents beside the text 'Vmware vSAN' does not have appropriate label * The show/hide password buttons do not have unique labels * Screen reader announces the URL along with the menu item label * Screen reader does not announce the label of the column headers |
| [**2.4.7 Focus Visible**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.4.7 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially supports | The Product provides clearly visible focus indicators on most pages that contain controls.  Examples of exceptions include:   * Focus indicator is not available for the "Browse" button in the “Onboard” page and in the “Upload Template” dialog * A clear focus indicator is not visible around the selected tab button * Keyboard focus indicator is not visible when the dialog is opened |
| [**3.1.2 Language of Parts**](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.3.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | The Product does not contain more than one language. |
| [**3.2.3 Consistent Navigation**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.3.2.3 (Web)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software | | Supports | The Product provides a consistent navigation  mechanism for all pages. |
| [**3.2.4 Consistent Identification**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.3.2.4 (Web)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software | | Partially Supports | The Product identifies elements consistently on most pages. Examples of exceptions include:   * Crossmark in the Edit worker node workflow represents two different meaning |
| [**3.3.3 Error Suggestion**](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.3.3.3 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product provides descriptive error messages on most identified form field errors. Examples of exceptions include:   * The error message in the “Application Configuration” is not descriptive enough for the user to understand and correct it |
| [**3.3.4 Error Prevention (Legal, Financial, Data)**](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.3.3.4 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | The Product provides error prevention on [legal commitments, financial transactions, and functions that modify and/or delete user-controllable data] that can be reversed, checked, or confirmed on many identified form field errors. Examples of exception include:   * Delete action for the node in the Topology does not have a confirmation mechanism |
| [**4.1.3 Status Messages**](https://www.w3.org/TR/WCAG21/#status-messages)(Level AA 2.1 only)  Also applies to:  EN 301 549 Criteria   * 9.4.1.3 (Web)   Revised Section 508 – Does not apply | | Partially Supports | The Product provides status messages that can be programmatically determined by assistive technologies without receiving focus on most instances. Examples of exceptions include:   * Success message is not announced when permission created * “Page loaded” alert not announced for screen reader user * The success message on creating a role is not identified by the screen reader * Voiceover screen reader does not announce the dynamic error message associated with Role field * Screen reader does not announce the success message on deleting a role |

### Table 3: Success Criteria, Level AAA

Notes: AAA Success Criteria are not evaluated for this product.

## Revised Section 508 Report

Notes:

### Chapter 3: [Functional Performance Criteria](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines#302-functional-performance-criteria) (FPC)

Notes:

| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| --- | --- | --- |
| 302.1Without Vision | Partially Supports | The Product provides at least one mode of operation that enables users with no vision to use its features. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 1.1.1, 1.3.1, 1.3.2, 2.1.1, 2.1.2, 2.2.1, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 3.2.1, 3.2.2, 3.3.1, 4.1.1 and 4.1.2 * Table 2: 2.4.6, 3.3.3, and 4.1.3 |
| 302.2 With Limited Vision | Partially Supports | The Product provides at least one mode of operation that enables users with limited vision to use its features. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 1.4.1 * Table 2: 1.4.3, 1.4.4, 1.4.5, 1.4.10, 1.4.11, 1.4.12 and 1.4.13 |
| 302.3Without Perception of Color | Partially Supports | The Product provides at least one mode of operation that enables users without a perception of color to use its  features. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 1.4.1 * Table 2: 1.4.3 |
| 302.4Without Hearing | Supports | The Product provides at least one mode of operation that enables users without hearing to use its features. |
| 302.5With Limited Hearing | Supports | The Product provides at least one mode of operation that enables users with limited hearing to use its features. |
| 302.6Without Speech | Supports | The Product provides at least one mode of operation that enables users without speech to use its features. |
| 302.7With Limited Manipulation | Partially Supports | The Product features provide at least one mode of operation that does not require fine motor control or simultaneous manual operations. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 2.1.1, 2.1.2, 2.2.1, 2.4.1, 2.4.3 * Table 2: 1.4.13, 2.4.7 |
| 302.8With Limited Reach and Strength | Partially Supports | The Product features provide at least one mode of operation that enables users with limited reach and strength to use its features. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 2.1.1, 2.1.2, 2.2.1, 2.4.1, 2.4.3 * Table 2: 1.4.13, 2.4.7 |
| 302.9With Limited Language, Cognitive, and Learning Abilities | Partially Supports | The Product provides features that make it simpler and easier to use by individuals with limited language, cognitive, and learning abilities. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 1.1.1, 1.3.1, 1.4.1, 2.2.1, 2.4.2, 2.4.3, 3.2.2, 3.3.1, 3.3.2 * Table 2: 3.2.4, 3.3.3 and 3.3.4 |

### Chapter 4: [Hardware](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines#401-general)

Notes: Not Applicable.

### Chapter 5: [Software](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines#501-general)

Notes:

| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| --- | --- | --- |
| **501.1 Scope – Incorporation of WCAG 2.1 AA** | See [WCAG 2.1](file:///C:\Users\dineshkumar.ti\OneDrive%20-%20HCL%20Technologies%20Ltd\All%20Files\VMWare\Scenarios_Schedule\VPAT2.4RevINT--February2020.doc#_WCAG_2.x_Report) section | See information in WCAG 2.1 section |
| [***502 Interoperability with Assistive Technology***](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines#502-interoperability-assistive-technology) | Heading cell – no response required | Heading cell – no response required |
| 502.2.1 User Control of Accessibility Features | Not Applicable | The Product is not a Platform software. |
| 502.2.2 No Disruption of Accessibility Features | Not Applicable | The Product is not a Platform software. |
| ***502.3 Accessibility Services*** | Heading cell – no response required | Heading cell – no response required |
| 502.3.1 Object Information | Not Applicable | The Product is not a Platform software. |
| 502.3.2 Modification of Object Information | Not Applicable | The Product is not a Platform software. |
| 502.3.3 Row, Column, and Headers | Not Applicable | The Product is not a Platform software. |
| 502.3.4 Values | Not Applicable | The Product is not a Platform software. |
| 502.3.5 Modification of Values | Not Applicable | The Product is not a Platform software. |
| 502.3.6 Label Relationships | Not Applicable | The Product is not a Platform software. |
| 502.3.7 Hierarchical Relationships | Not Applicable | The Product is not a Platform software. |
| 502.3.8 Text | Not Applicable | The Product is not a Platform software. |
| 502.3.9 Modification of Text | Not Applicable | The Product is not a Platform software. |
| 502.3.10 List of Actions | Not Applicable | The Product is not a Platform software. |
| 502.3.11 Actions on Objects | Not Applicable | The Product is not a Platform software. |
| 502.3.12 Focus Cursor | Not Applicable | The Product is not a Platform software. |
| 502.3.13 Modification of Focus Cursor | Not Applicable | The Product is not a Platform software. |
| 502.3.14 Event Notification | Not Applicable | The Product is not a Platform software. |
| 502.4 Platform Accessibility Features | Not Applicable | The Product is not a Platform software |
| [***503 Applications***](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines#503-applications) | Heading cell – no response required | Heading cell – no response required |
| 503.2 User Preferences | Not Applicable | The Product is not an application. |
| 503.3 Alternative User Interfaces | Not Applicable | The Product , does not provide an alternative user interface that functions as assistive technology. |
| ***503.4 User Controls for Captions and Audio Description*** | Heading cell – no response required | Heading cell – no response required |
| 503.4.1 Caption Controls | Not Applicable | The Product does not contain synchronized media. |
| 503.4.2 Audio Description Controls | Not Applicable | The Product does not contain synchronized media |
| [***504 Authoring Tools***](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines#504-authoring-tools) | Heading cell – no response required | Heading cell – no response required |
| 504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”) | See [WCAG 2.1](file:///C:\Users\dineshkumar.ti\OneDrive%20-%20HCL%20Technologies%20Ltd\All%20Files\VMWare\Scenarios_Schedule\VPAT2.4RevINT--February2020.doc#_WCAG_2.x_Report) section | See information in WCAG 2.1 section |
| 504.2.1 Preservation of Information Provided for Accessibility in Format Conversion | Not Applicable | The Product is not an authoring tool. |
| 504.2.2 PDF Export | Not Applicable | The Product is not an authoring tool. |
| 504.3 Prompts | Not Applicable | The Product is not an authoring tool. |
| 504.4 Templates | Not Applicable | The Product is not an authoring tool. |

### Chapter 6: [Support Documentation and Services](https://www.access-board.gov/guidelines-and-standards/communications-and-it/about-the-ict-refresh/final-rule/text-of-the-standards-and-guidelines#601-general)

Notes: Not included in report.

**EN 301 549 Report**

Notes:

### Chapter 4: [Functional Performance Statements](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf#%5B%7B%22num%22%3A38%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D) (FPS)

Notes:

| **Criteria** | **Conformance Level** | **Remarks and Explanations** |
| --- | --- | --- |
| **4.2.1 Usage without vision** | Partially Supports | The Product provides at least one mode of operation that enables users with no vision to use its features. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 1.1.1, 1.3.1, 1.3.2, 2.1.1, 2.1.2, 2.2.1, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 3.2.1, 3.2.2, 3.3.1, 4.1.1, 4.1.2 * Table 2: 2.4.6, 3.3.3, 4.1.3 |
| **4.2.2 Usage with limited vision** | Partially Supports | The Product provides at least one mode of operation that enables users with limited vision to use its features. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 1.4.1 * Table 2: 1.4.3, 1.4.4, 1.4.5, 1.4.10, 1.4.11, 1.4.12, 1.4.13 |
| **4.2.3 Usage without perception of colour** | Partially Supports | The Product provides at least one mode of operation that enables users without a perception of colour to use its features. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 1.4.1 * Table 2: 1.4.3 |
| **4.2.4 Usage without hearing** | Supports | The Product provides at least one mode of operation that enables users without hearing to use its features. |
| **4.2.5 Usage with limited hearing** | Supports | The Product provides at least one mode of operation that enables users with limited hearing to use its features. |
| **4.2.6 Usage with no or limited vocal capability** | Supports | The Product provides at least one mode of operation that enables users with no or limited vocal capability to use its features. |
| **4.2.7 Usage with limited manipulation or strength** | Partially Supports | The Product features provide at least one mode of operation that does not require fine motor control or simultaneous manual operations. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 2.1.1, 2.1.2, 2.2.1, 2.4.1, 2.4.3 * Table 2: 1.4.13, 2.4.7 |
| **4.2.8 Usage with limited reach** | Partially Supports | The Product features provide at least one mode of operation that enables users with limited reach to use its features. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 2.1.1, 2.1.2, 2.2.1, 2.4.1, 2.4.3 * Table 2: 1.4.13, 2.4.7 |
| **4.2.9 Minimize photosensitive seizure triggers** | Supports | **The Product provides at least one**  **mode of operation that minimizes the**  **potential for triggering photosensitive**  **seizures.** |
| **4.2.10 Usage with limited cognition, language or learning** | Partially Supports | The Product provides features that make it simpler and easier to use by individuals with limited cognitive, language, and learning abilities. A few challenges may occur while accessing the application as disclosed in:   * Table 1: 1.1.1, 1.3.1, 1.4.1, 2.2.1, 2.4.2, 2.4.3, 3.2.2, 3.3.1, 3.3.2 * Table 2: 3.2.4, 3.3.3, 3.3.4. |
| **4.2.11 Privacy** | Supports | **The Product maintains privacy equally**  **for all users.** |

### Chapter [5: Generic Requirements](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf#%5B%7B%22num%22%3A45%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)

Notes: The Product supports standard assistive technologies and is, therefore not subject to Closed Functional Criteria described in this chapter.

### Chapter [6: ICT with Two-Way Voice Communication](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf#%5B%7B%22num%22%3A60%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)

Notes: Not Applicable

### Chapter [7: ICT with Video Capabilities](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf#%5B%7B%22num%22%3A70%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)

Notes: Not Applicable

### Chapter [8: Hardware](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf#%5B%7B%22num%22%3A74%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)

Notes: Not Applicable

### Chapter [9: Web](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf#%5B%7B%22num%22%3A113%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)

Notes: See WCAG 2.1 Section

**Chapter [10: Non-Web Software](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf" \l "%5B%7B%22num%22%3A127%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)**

Notes: Not Applicable.

### Chapter [11: Software](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf#%5B%7B%22num%22%3A149%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)

Notes:

| **Criteria** | **Conformance Level** | **Remarks and Explanations** | |
| --- | --- | --- | --- |
| ***11.0 General (informative)*** | Heading cell – no response required | Heading cell – no response required |
| 11.1.1.1 through 11.4.1.3 | See [WCAG 2.1](file:///C:\Users\dineshkumar.ti\OneDrive%20-%20HCL%20Technologies%20Ltd\All%20Files\VMWare\Scenarios_Schedule\VPAT2.4RevINT--February2020.doc#WCAG) section | See information in WCAG 2.1 section | |
| ***11.5 Interoperability with assistive technology*** | Heading cell – no response required | Heading cell – no response required | |
| ***11.5.1 Closed functionality*** | Heading cell – no response required | Heading cell – no response required | |
| ***11.5.2 Accessibility services*** | Heading cell – no response required | Heading cell – no response required | |
| ***11.5.2.1 Platform accessibility service support for software that provides a user interface*** | See 11.5.2.5 through 11.5.2.17 | See information in 11.5.2.5 through 11.5.2.17 | |
| ***11.5.2.2 Platform accessibility service support for assistive technologies*** | See 11.5.2.5 through 11.5.2.17 | See information in 11.5.2.5 through 11.5.2.17 | |
| 11.5.2.3 Use of accessibility services | Supports | The Product uses standard platform accessibility services. | |
| 11.5.2.4 Assistive technology | Not Applicable | The Product is not an assistive technology. | |
| 11.5.2.5 Object information | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.6 Row, column, and headers | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.7 Values | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.8 Label relationships | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.9 Parent-child relationships | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.10 Text | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.11 List of available actions | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.12 Execution of available actions | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.13 Tracking of focus and selection attributes | Not Applicable | The Product  is not a Platform software. | |
| 11.5.2.14 Modification of focus and selection attributes | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.15 Change notification | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.16 Modifications of states and properties | Not Applicable | The Product is not a Platform software. | |
| 11.5.2.17 Modifications of values and text | Not Applicable | The Product is not a Platform software. | |
| ***11.6 Documented accessibility usage*** | Heading cell – no response required | Heading cell – no response required | |
| 11.6.1 User control of accessibility features | Not Applicable | The Product is not a Platform software. | |
| 11.6.2 No disruption of accessibility features | Not Applicable | The Product is not a Platform software. | |
| 11.7 User preferences | Not Applicable | The Product is not a Platform software. | |
| ***11.8 Authoring tools*** | Heading cell – no response required | Heading cell – no response required | |
| ***11.8.1 Content technology*** | Heading cell – no response required | Heading cell – no response required | |
| 11.8.2 Accessible content creation | See [WCAG 2.1](file:///C:\Users\dineshkumar.ti\OneDrive%20-%20HCL%20Technologies%20Ltd\All%20Files\VMWare\Scenarios_Schedule\VPAT2.4RevINT--February2020.doc#_WCAG_2.x_Report) section | See information in WCAG 2.1 section | |
| 11.8.3 Preservation of accessibility information in transformations | Not Applicable | The Product is not an authoring tool. | |
| 11.8.4 Repair assistance | Not Applicable | The Product is not an authoring tool. | |
| 11.8.5 Templates | Not Applicable | The Product is not an authoring tool. | |

### Chapter [12: Documentation and Support Services](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf" \l "%5B%7B%22num%22%3A187%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)

Notes: Not included in report

### Chapter [13: ICT Providing Relay or Emergency Service Access](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf#%5B%7B%22num%22%3A191%2C%22gen%22%3A0%7D%2C%7B%22name%22%3A%22XYZ%22%7D%2C54%2C747%2C0%5D)

Notes: Not Applicable.

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