Interoperability Matrix Tool search workflow

Interoperability Matrix Tool

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As you start using Interoperability Matrix Tool, it is important that you understand some of the general use cases explained using the workflows.

Work with search assistant

Search Assistant provides suggestions to explore the compatible configurations depending on the search criteria that you enter. The **Search Assistant** section displays the commonly used categories from which you can select components to include in the search criteria. Depending on the component you select, the search assistant displays the compatible components and solutions.

In case you have entered an incorrect search criteria and the Interoperability Matrix Tool (IMT) cannot find any results, the **Search Assistant** displays the suggestions to correct the search criteria.

Work with search text box

You can search for components, solutions, categories and configurations using the search text box. Depending on the text you enter, the search text box displays possible matches which you can include in the search criteria.

Use Refine Search Criteria

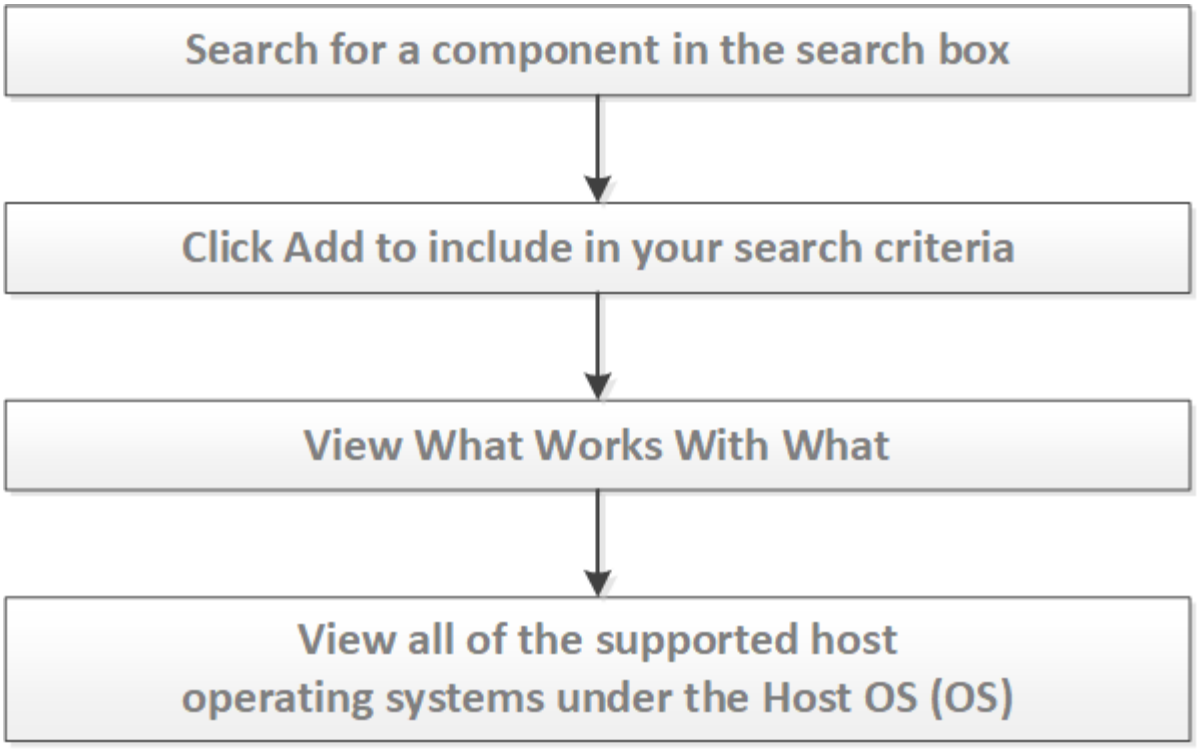
Refine Search Criteria allows you to explore compatible configurations for your product. By selecting components from different categories, you can narrow down the configurations that results to the desired configurations for your product.

The keywords **Rack** and **Blade** are displayed only with the components in **4.x**.

Find compatible host operating system for your products

You can use Interoperability Matrix Tool to view the supported host operating systems that are compatible with your product.

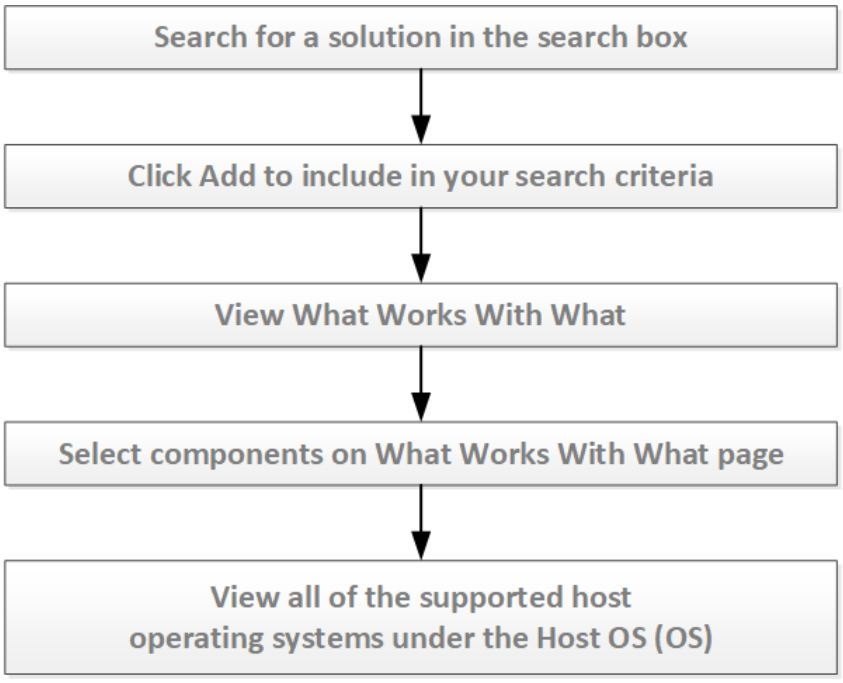
The following shows the workflow:



Find compatible Windows Server host for your products

You can use Interoperability Matrix Tool to view the compatible Windows Server hosts for your products.

The following shows the workflow:



Find compatibility with HBA cards

With the **ONTAP SAN Host Simplified** feature, the UI is simplified and condensed into three components; there were thirteen components in earlier versions of the UI. The remaining ten components are implicitly supported by NetApp, provided they are supported by the respective vendors. **Notes** and **Alerts** are categorized by solutions and are added to each result.

The three components supported in the Interoperability Matrix Tool (IMT) are ONTAP OS, Host OS, and Protocol.

You can use the IMT to validate the host OS supportability with ONTAP.

For example, validate Cisco Unified Computing System (Cisco UCS) Blade server supportability with ONTAP using the following configuration:

Example Cisco UCS Blade server configuration

- ONTAP OS: 9.13.1
- Host OS: Red Hat Enterprise Linux 9.2
- Server model: Cisco UCS B200 M6 Blade server
- Host bus adapter (HBA)
  - Model: Cisco UCSB-MLOM-40G-04: Cisco UCS 1440 Virtual Interface Card
  - Driver version: 1.6.0.53 fnic
  - Firmware version: 5.3(2)
- UCS Server Firmware: 5.2(0)
- Protocol: FCoE

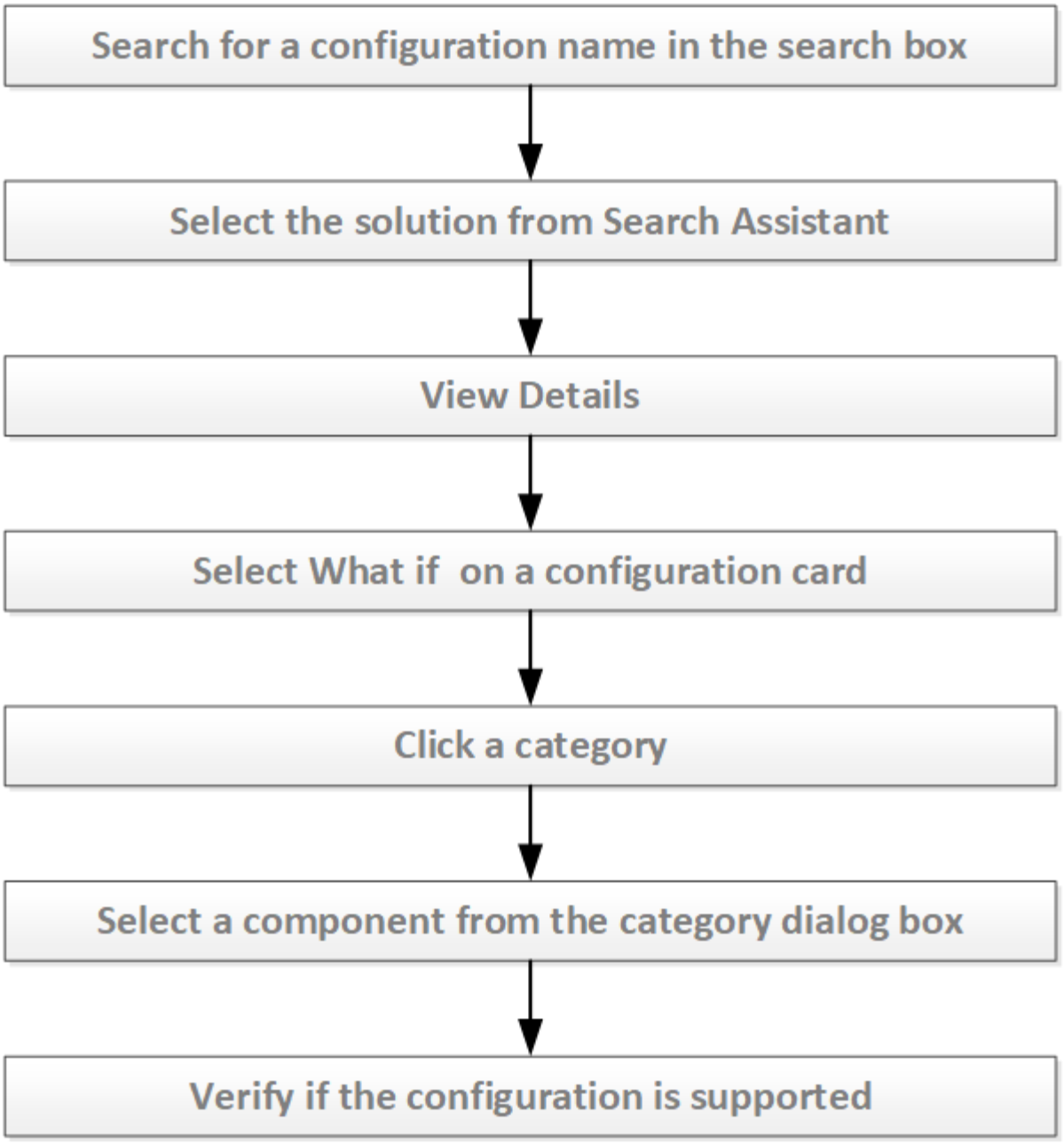
Validate Cisco UCS Blade server supportability

- Use the **ONTAP SAN Host Simplified** feature in the IMT to verify that ONTAP 9.13.1, Red Hat Enterprise Linux 9.2, and FCoE protocol are listed as supported configurations.
- The HBA vendors supported by NetApp are Broadcom, Marvell, and Cisco. Cisco is included in the supported adapter list which implies that the Cisco Virtual Interface Card (VIC) is also supported.
- Use the vendor Hardware Compatibility list (HCL) to verify Cisco "UCS Hardware and Software Compatibility". As mentioned in the preceding server configuration list, verify that the HBA adapter model, the UCS server firmware version, and the HBA driver and firmware versions are supported with Red Hat Enterprise Linux 9.2.

Find a specific configuration and checking for product upgrade or downgrade supportability

You can use Interoperability Matrix Tool to view a specific configuration to upgrade or downgrade a component in your product configuration.

The following shows the workflow:



Work with results

You can view and export the results for the configurations that meet your product requirements.

From the **Results** page, you can build an end-to-end view by choosing a related solution which is compatible with the selected configuration.

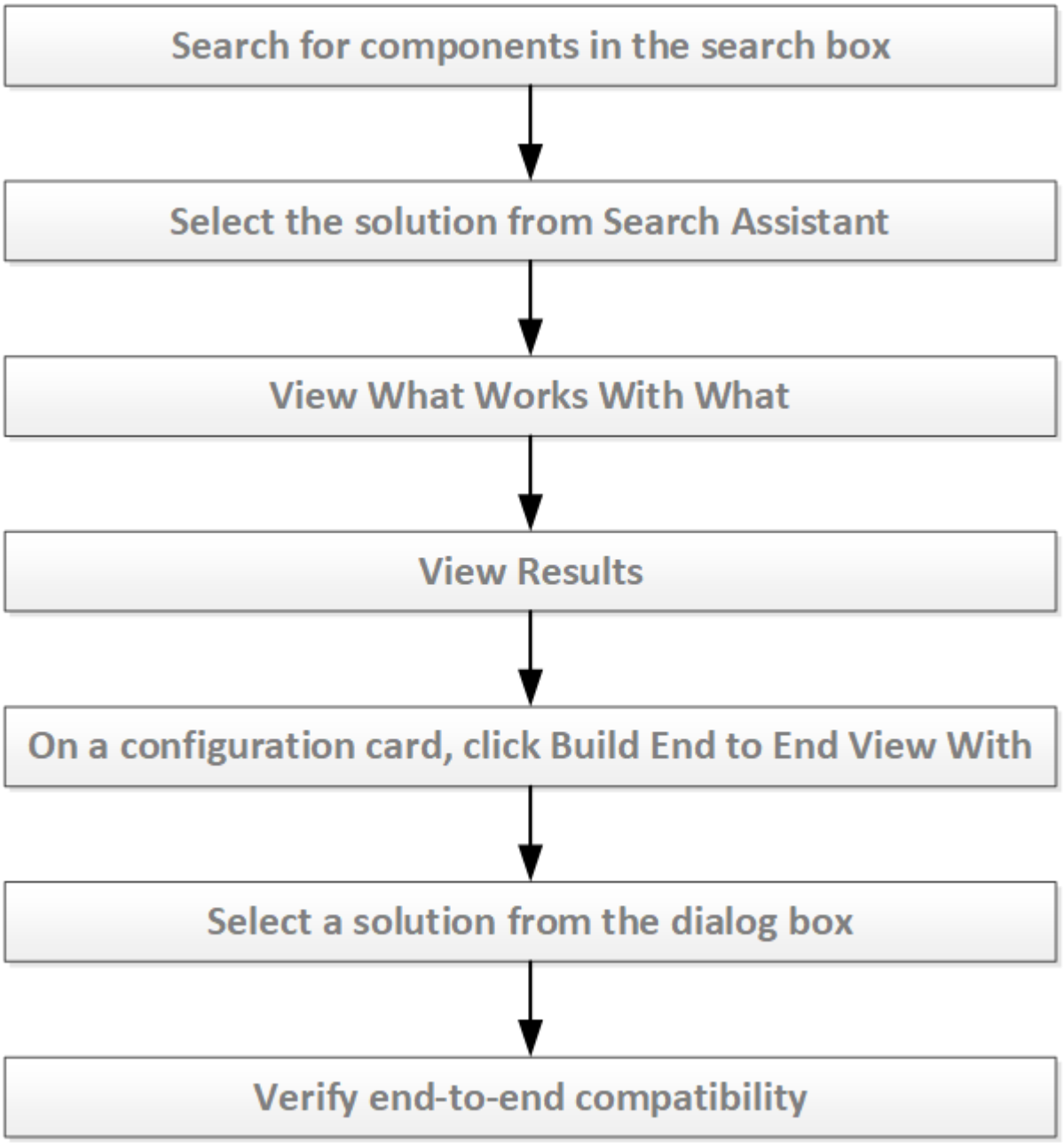
If you do not see the results you expect, clear the filters.

Build end-to-end compatibility across products

You can use Interoperability Matrix Tool to build an end-to-end compatibility view across

products.

The following shows the workflow:



View policies and guidelines

The **Policies & Guidelines** link opens the Policies and Guidelines page for the selected solution.

The Policies and Guidelines page describes all of the current information and guidance concerning the solution.

Steps

1. Click **Policies & Guidelines** on the **Playground** page. The **Policies and Guidelines** page opens.
2. Review the latest news, guidance, policy information and copyright for the solution. On the **Playground** page, you can change the solution to view other policies and guidelines specific to it.
3. Close the page and return to the **Playground** page.

Use What If

You can explore all possible configurations that are supported with your search criteria. You can use **What If** to upgrade or downgrade a component for a selected configuration and explore the compatibility.

If you cannot find the configuration you want, click **Feedback** to report a problem. For more information, see Reporting an issue.

The Active IQ Interop Advisor tool to determine compatibility

The **Active IQ Interop Advisor** tool allows you to generate a compatibility report when you search using specific criteria.

You can search by any of the following criteria:

- Serial number
- Cluster ID
- OneCollect job ID

You can find the previous search criteria information in **MyAutoSupport**.

Report an issue

If you encounter an issue, then you can report the problem to the support and feedback team using the **Report a problem** feature.

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