Generate an upgrade plan

Digital Advisor

NetApp
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Generate an upgrade plan

Learn about generating an ONTAP upgrade plan in Digital Advisor

Upgrade Advisor enables you to generate an upgrade plan that includes detailed and step-by-step information required for a successful ONTAP upgrade or revert.

You can generate automated nondisruptive upgrade plans for a single cluster and multiple clusters. You can view upgrade recommendations for a single cluster, which includes a list of risks associated with a cluster, a pre-upgrade check report containing a list of upgrade blockers and warnings, and information about new features and enhancements. The upgrade recommendations are unavailable for multiple clusters. To learn more, see Generate an upgrade plan for single cluster and multiple clusters.

For each cluster in a MetroCluster configuration, generate an individual upgrade plan for complete upgrade instructions.

Before generating an upgrade plan, you should prepare for an ONTAP upgrade. Proper preparation helps in identifying and mitigating potential upgrade risks or blockers before you begin the upgrade process. To learn more, see Prepare for an ONTAP upgrade.

Generate an ONTAP upgrade plan for single and multiple clusters in Digital Advisor

You can use Upgrade Advisor to view the list of clusters that are eligible or ineligible for an upgrade. You can view upgrade recommendations for an eligible cluster and generate an upgrade plan. You can fix the issues with an ineligible cluster to make it eligible for an upgrade.

Before you begin

Before generating an upgrade plan, you should:

- Ensure that AutoSupport (ASUP) is enabled and configured correctly, and all required sections are included. For more information, see ONTAP AutoSupport Resolution Guide.
- Verify the AutoSupport's cluster members match the SAP cluster configuration. For more information, open a non-technical case.

Steps

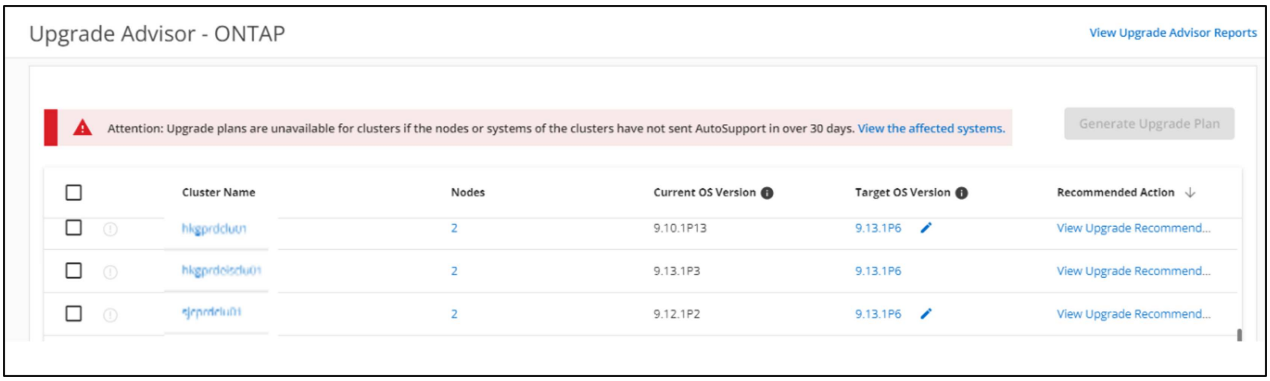
You can follow these steps to generate an upgrade plan for a single cluster and multiple clusters:

Single cluster

1. On the dashboard, click number of clusters in the **Upgrade Advisor** widget.

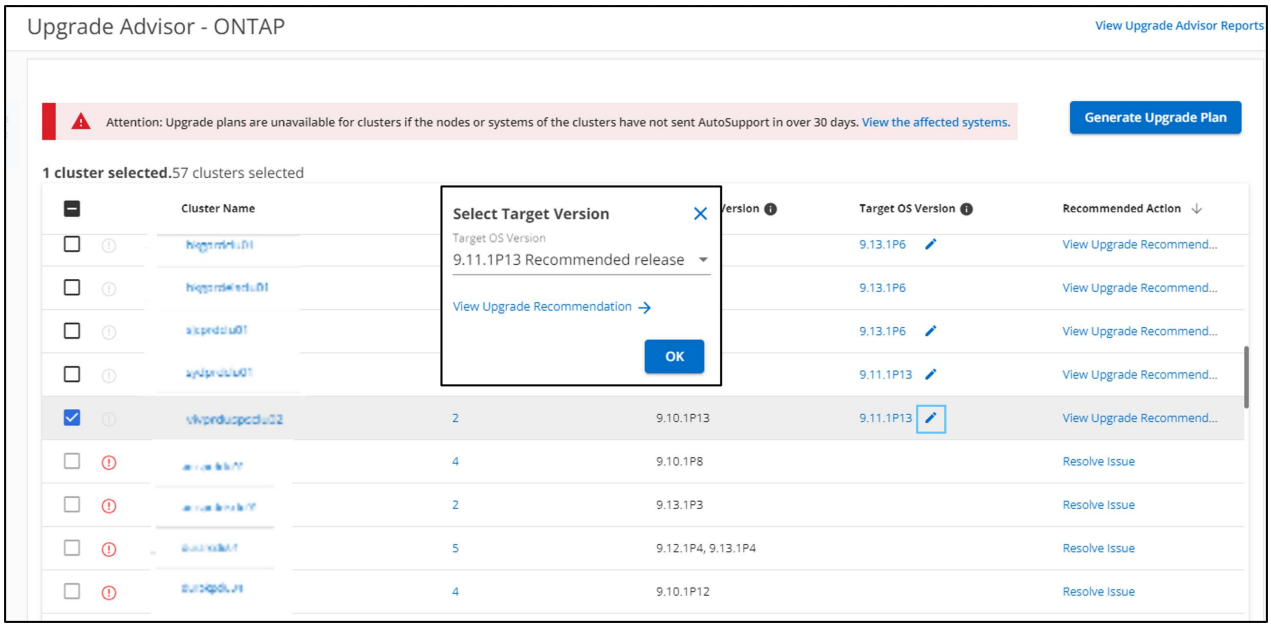
   The **Upgrade Advisor-ONTAP** page appears.

2. You can view a list of eligible and ineligible clusters for an upgrade.

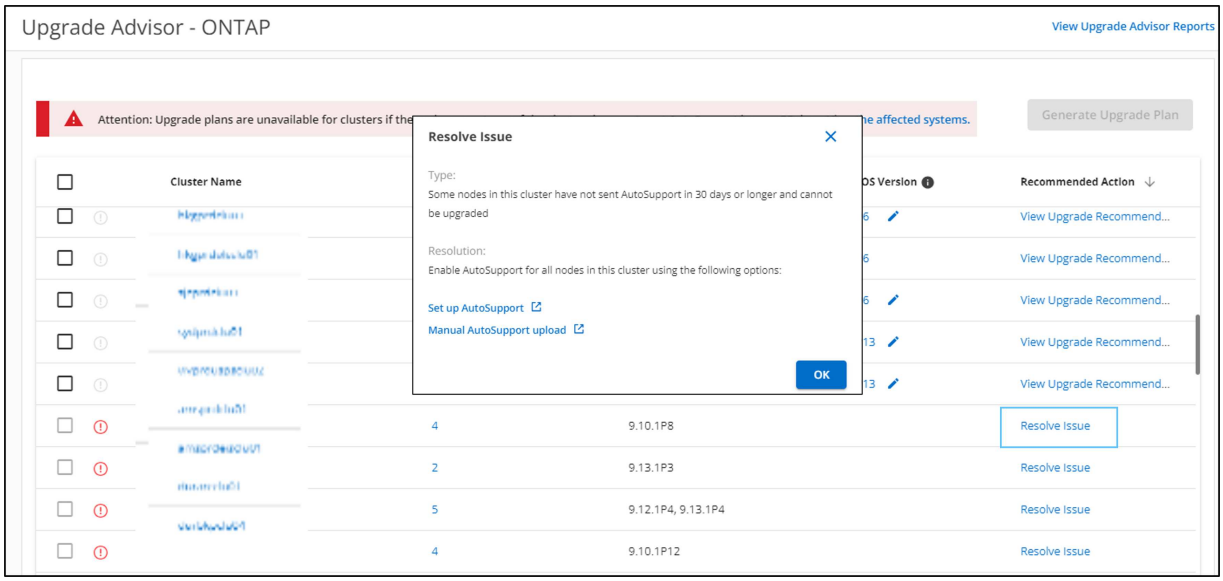


3. Select a cluster for an upgrade.

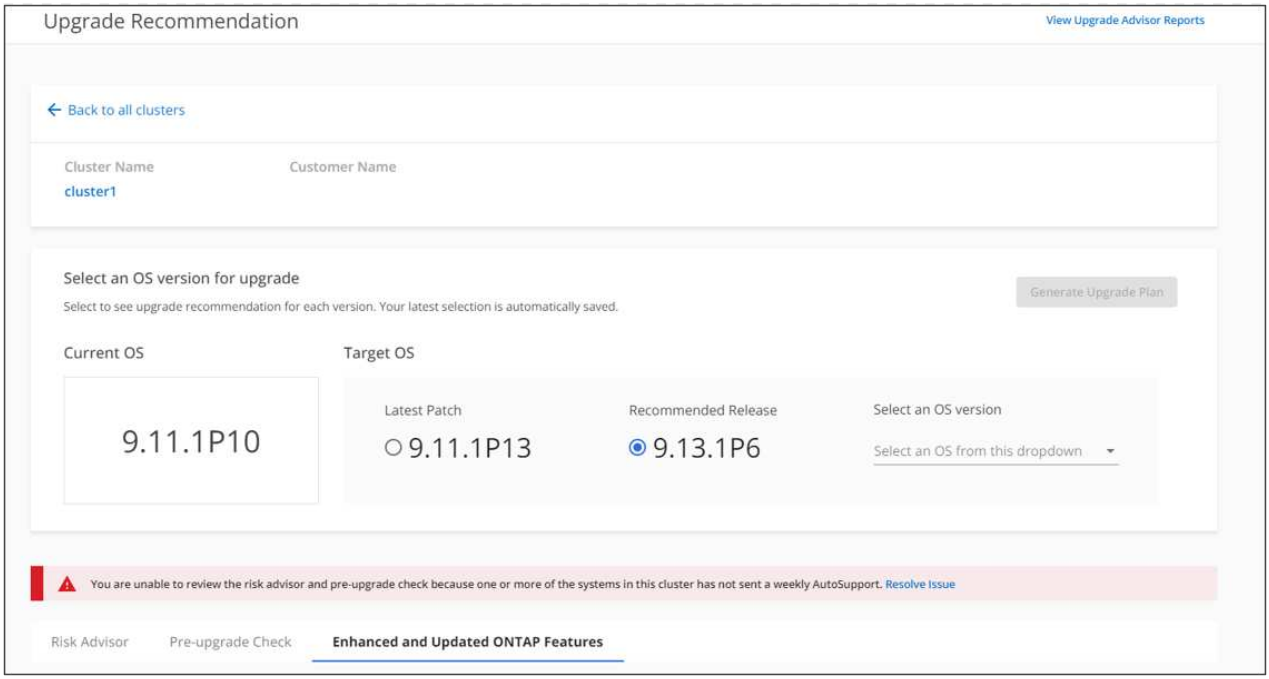
   The **Target OS Version** column displays the recommended target OS version. You can click the icon to select another target OS version of a cluster.



- You can click the number of nodes in the **Nodes** column to see the node summary of a cluster.
- You can click **Resolve Issues** from the **Recommended Action** column to fix the issues with an ineligible cluster to make it eligible for an upgrade.

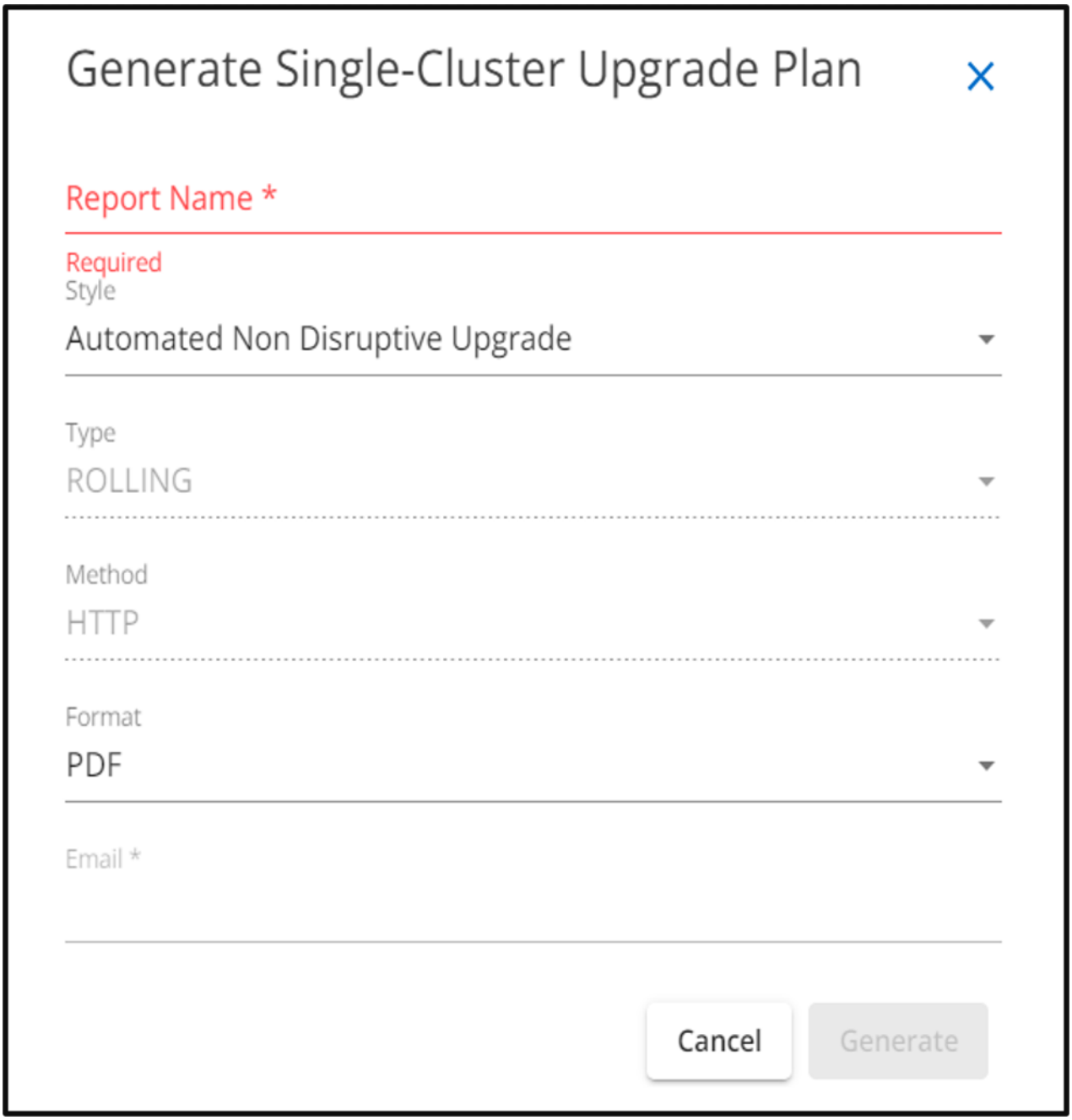


4. Click **Generate Upgrade Plan**.
   You will be redirected to the **Upgrade Recommendation** page.
5. On the **Upgrade Recommendation** page, you can view the details of the risks associated with a cluster through the **Risk Advisor** tab. You can view the upgrade blockers, upgrade warnings, and required actions through the **Pre-upgrade Check** tab, and information about the new features and enhancements that are relevant to the selected target OS version through the **Enhanced and Updated ONTAP Features** tab.



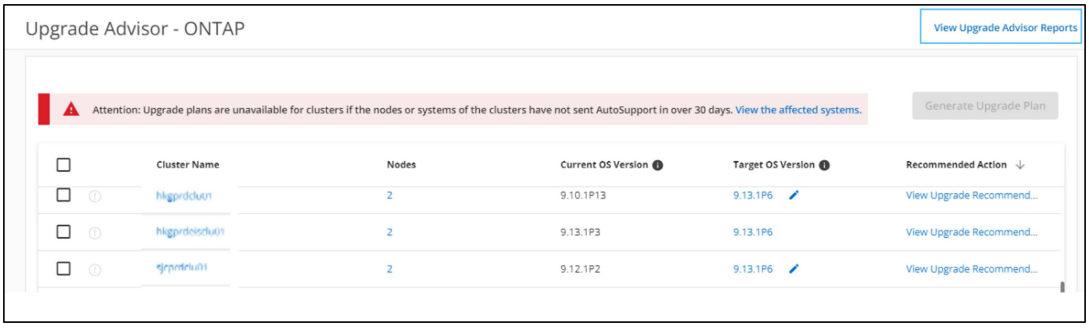
- You can select another target OS version and view the risk summary, pre-upgrade check report, and information on new features and enhancements related to that target OS version.
- You can click the Export icon to export the risk summary to an Excel sheet.

6. Click **Generate Upgrade Plan** from the **Upgrade Recommendation** page.
7. Provide the details in the displayed pop-up.



8. Click **Generate**.
   You will be redirected to the **Reports** page.
9. You can download the upgrade plan from the **Reports** page once it is available.

You can click **View Upgrade Advisor Reports** to go to the **Reports** page.



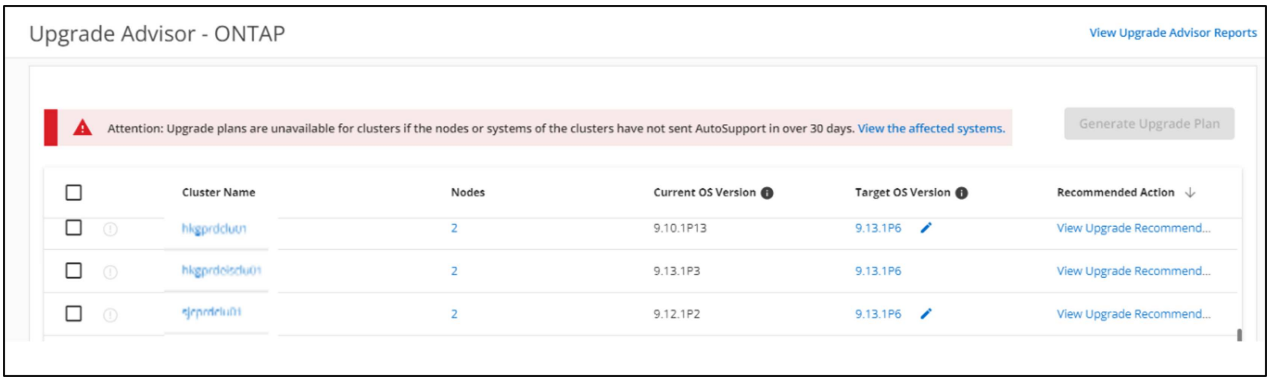
There are some tasks you should perform to confirm the readiness of the cluster after you upgrade ONTAP. To learn more, see What to do after an ONTAP upgrade.

Multiple clusters

1. On the dashboard, click number of clusters in the **Upgrade Advisor** widget.

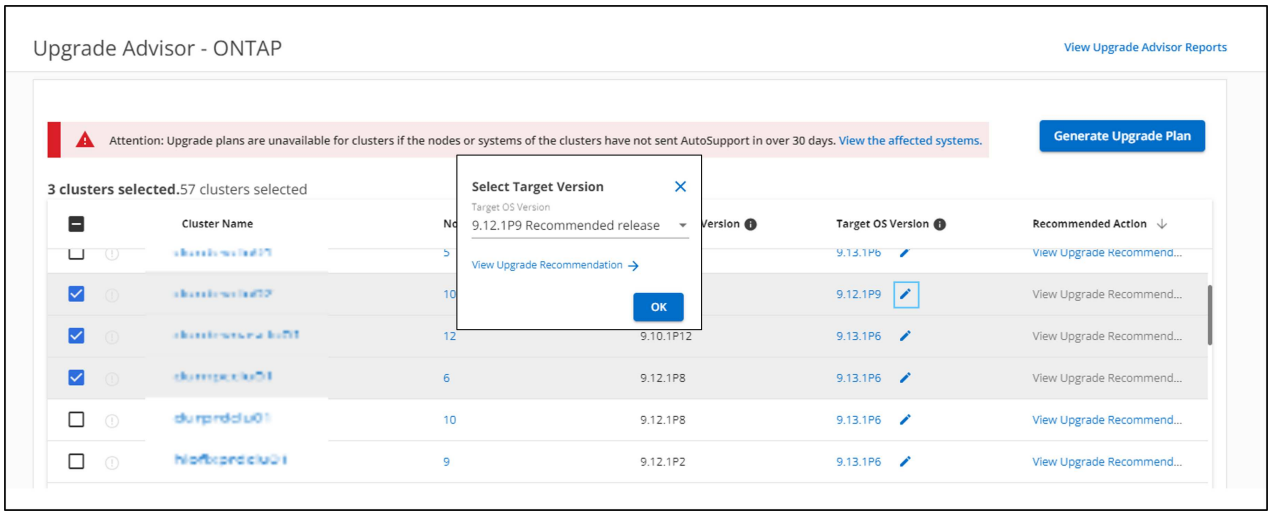
   The **Upgrade Advisor-ONTAP** page appears.

2. You can view a list of eligible and ineligible clusters for an upgrade.

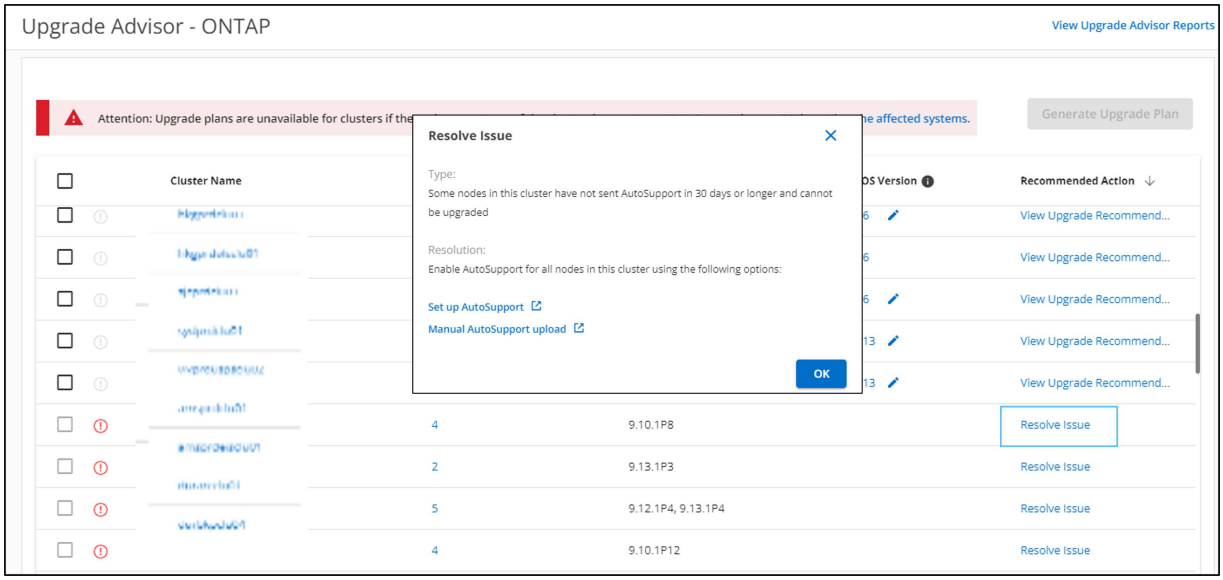


3. Select clusters for an upgrade.

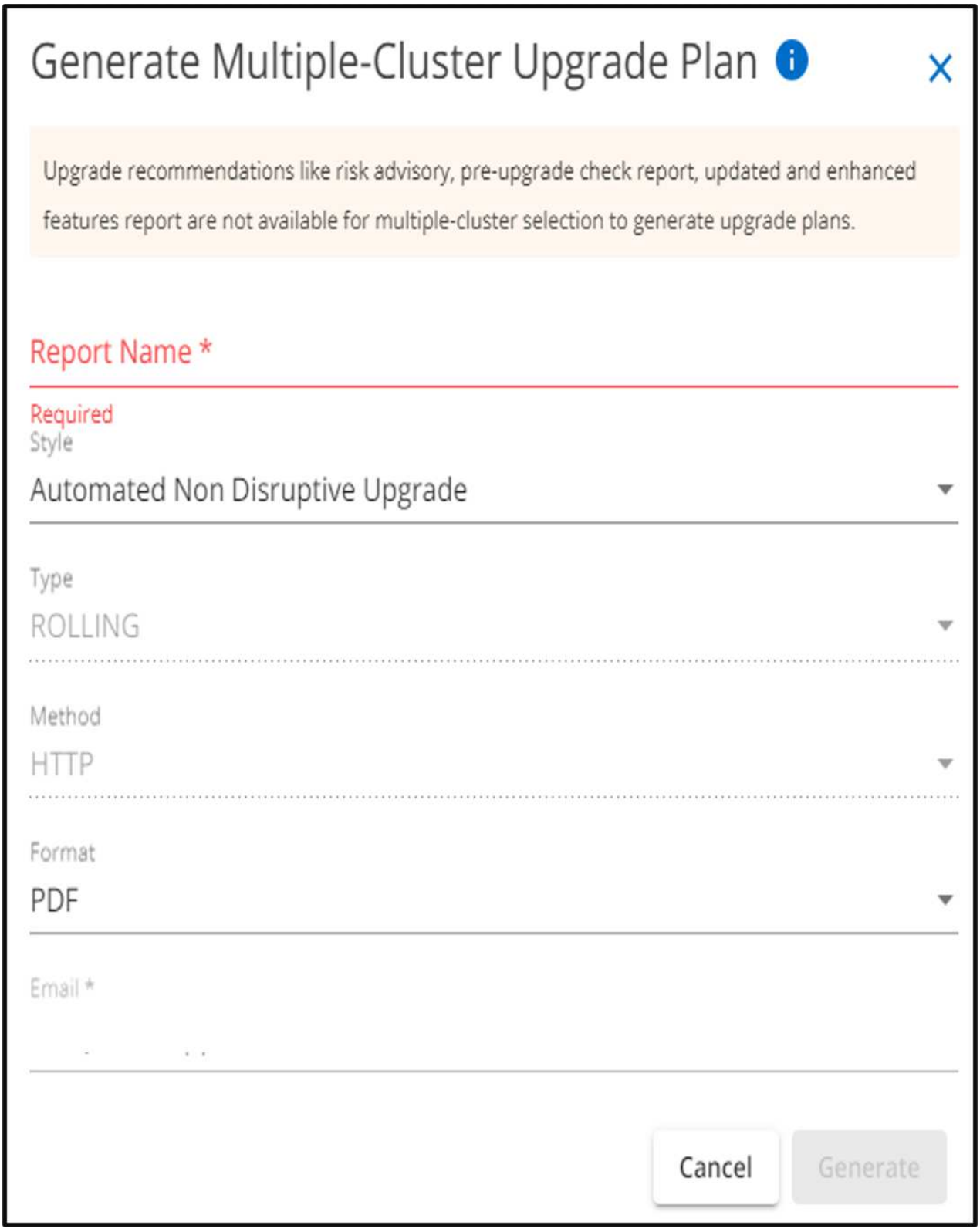
   The **Target OS Version** column displays the recommended target OS version.You can click the icon to select another target OS version of a cluster.



- You can click the number of nodes in the **Nodes** column to see the node summary of a cluster.
- You can click **Resolve Issues** from the **Recommended Action** column to fix the issues with ineligible clusters to make them eligible for an upgrade.

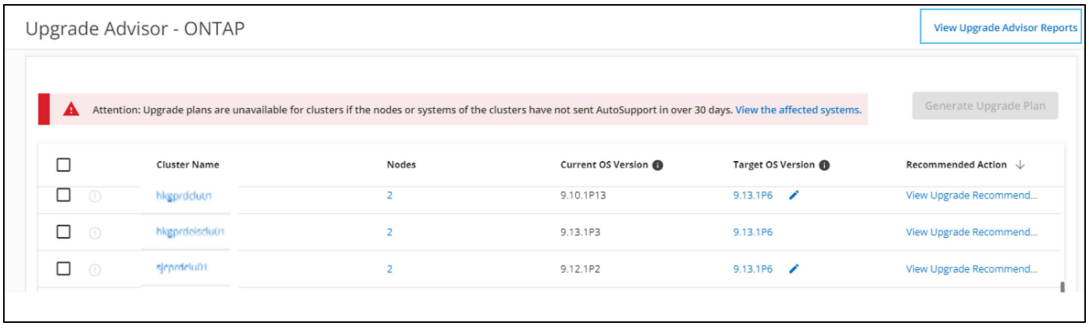


4. Click **Generate Upgrade Plan**.
5. Provide the details in the displayed pop-up.



6. Click **Generate**.
   You will be redirected to the **Reports** page.
7. You can download the upgrade plan from the **Reports** page once it is available.

You can click **View Upgrade Advisor Reports** to go to the **Reports** page.



There are some tasks you should perform to confirm the readiness of the cluster after you upgrade ONTAP. To learn more, see What to do after an ONTAP upgrade.

View firmware update recommendations in Digital Advisor

Customers can now save time and effort by allowing Control Tower to automatically update their systems with the latest firmware versions, eliminating the need for manual intervention or scheduling. This update reduces the risk of encountering issues due to outdated or incompatible firmware versions, ensuring optimal system performance, stability, and security.

Customers will receive timely notifications and alerts about the status of the firmware updates, with options to enable AutoSupport and auto-update settings.

Steps

1. On the dashboard page, click **Other recommendations** in the **Upgrade Advisor** widget.
2. Click **View recommendations** to view the list of recommendations.
3. In the **Update Status** column, click **See progress** to view the clusters that are eligible for an update.
4. In case of any issues, click on the respective links to view the steps to mitigate the issues.

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