

# Getting Started with Smart Check

This guide helps you quickly set up your on-premises XenApp and XenDesktop 7.x Site with Smart Check so you can stay informed about any potential issues that might affect your end users.



Smart Check

## What is Smart Check?

Smart Check enables you to diagnose and address potential issues in your Site using a variety of health checks. In this guide, you will run checks on demand and schedule checks to run later.

## What you'll learn

- Prerequisites
- Add an on-premises site
- Perform an on-demand check
- View alerts
- Schedule a check
- Add a check
- Resources

## Prerequisites

- 1 Account with membership in the Domain Users group in Active Directory and full administrator role for the site in Citrix Studio.
- 2 Ensure the Delivery Controller that will host the Smart Tools Site Agent meets the following requirements:
  - Outbound Internet access on port 443 enabled.
  - PowerShell 3.0 or greater is installed and can run PowerShell scripts.  
**To verify, see [Verify the Delivery Controller has the correct PowerShell version and can run scripts.](#)**
- 3 Delivery Controllers and VDAs must have the following settings enabled:
  - File and Printer Sharing
  - Windows Remote Management ([WinRM](#))
  - Windows Management Instrumentation ([WMI](#))
- 4 No other Smart Tools Agents are installed on Delivery Controller. For instructions, see [Remove the agent.](#)

## What is the Smart Tools Site Agent?

The Smart Tools Site Agent enables Smart Tools to perform health check functions on your Site. The agent resides on at least one Delivery Controller and initiates communications with the Smart Tools service using port 443 (HTTPS).



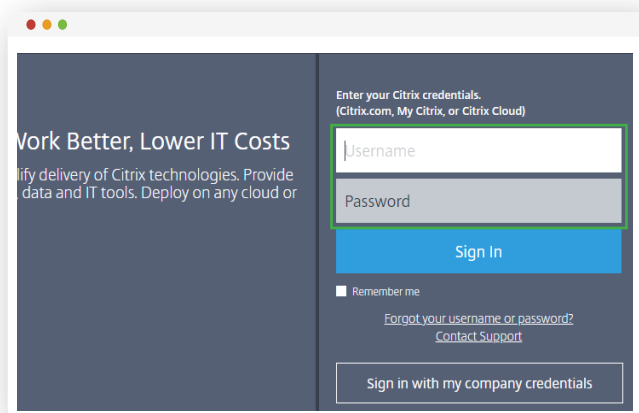
HTTPS

## Add an on-premises site

You can add your XenApp and XenDesktop site through the product installer or manually.

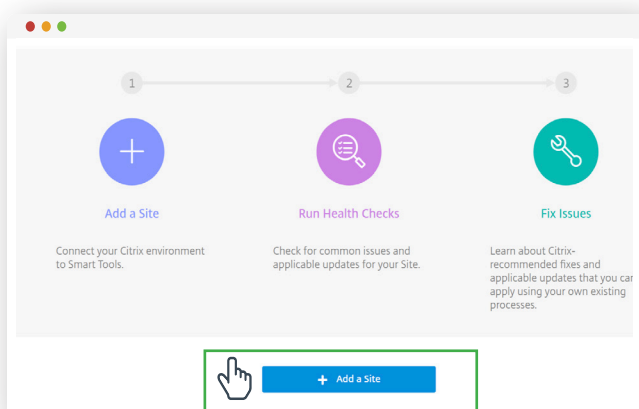
### Add site manually

- 1 Log on to a Delivery Controller in your XenApp and XenDesktop Site.
- 2 Open a web browser and sign in to **Citrix Cloud**.

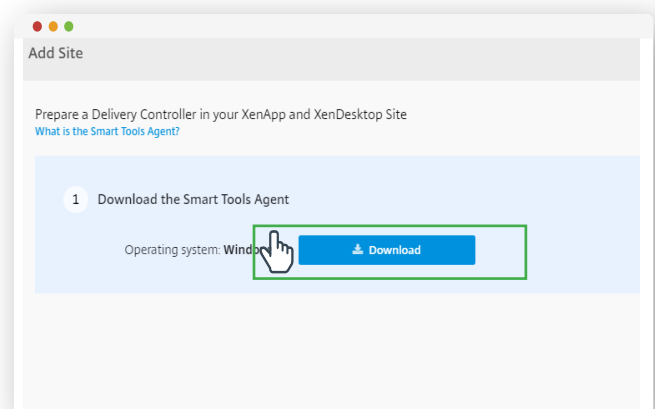


- 3 From the Citrix Cloud management console, locate the Smart Tools tile and click **Manage**.
- 4 From the Smart Tools menu bar, click **Smart Check**.

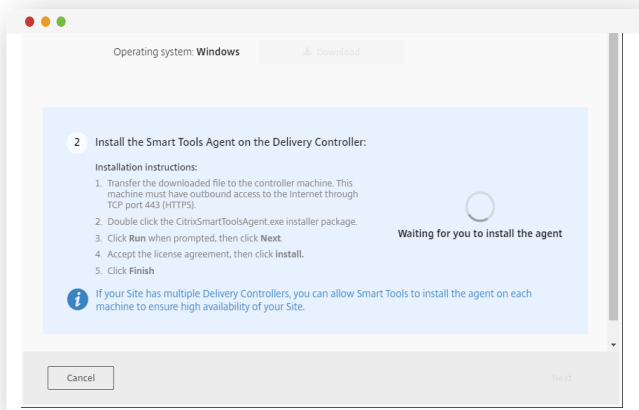
- 5 Click **Add Site**. The Add Site wizard appears.



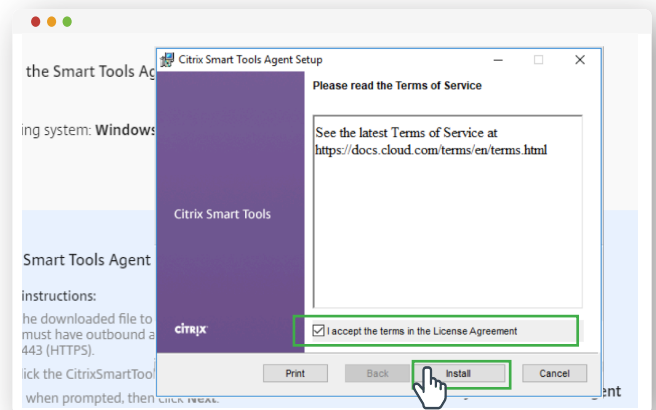
- 6 Click **Download Agent**.



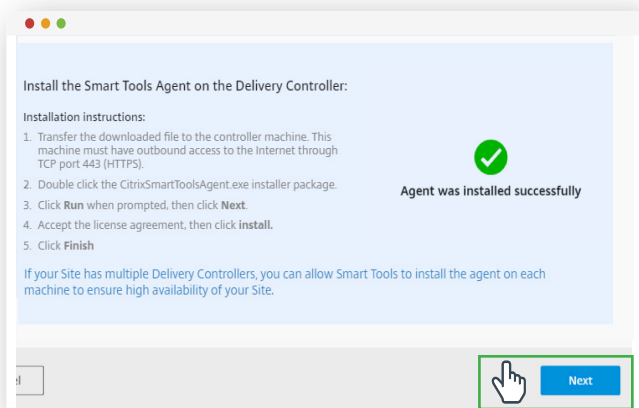
- 7 Agent is downloaded. When prompted, run **CitrixSmartToolsAgent.exe** file. Follow the wizard to install the agent.



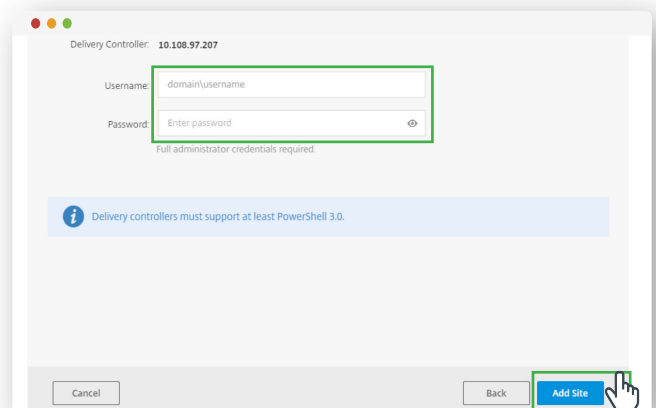
- 8 Select **"I accept the terms..."** and click **Install**.



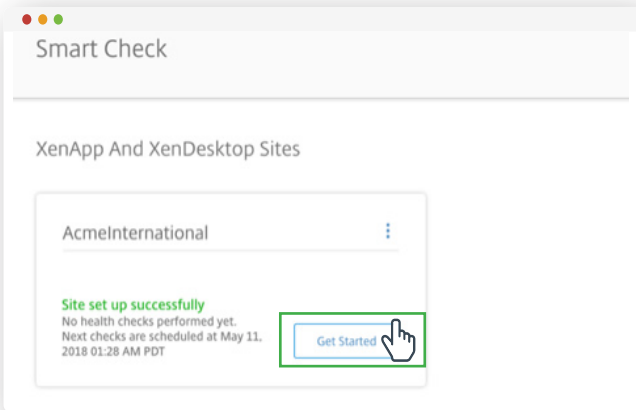
- 9 After installation, the agent registers the Delivery Controller with Smart Check. Click **Next**.



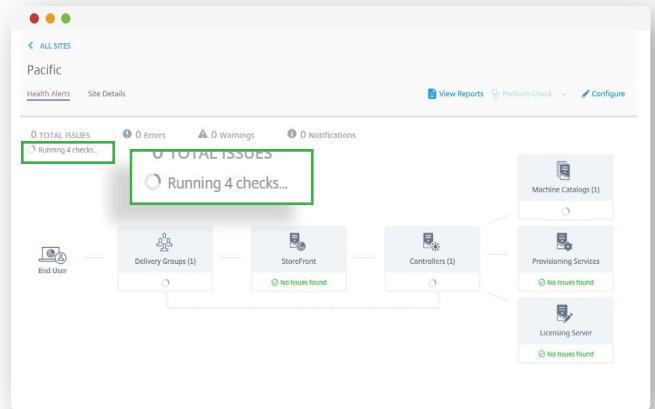
- 10 Enter credentials for the Site's Full Administrator account and click **Add Site**.



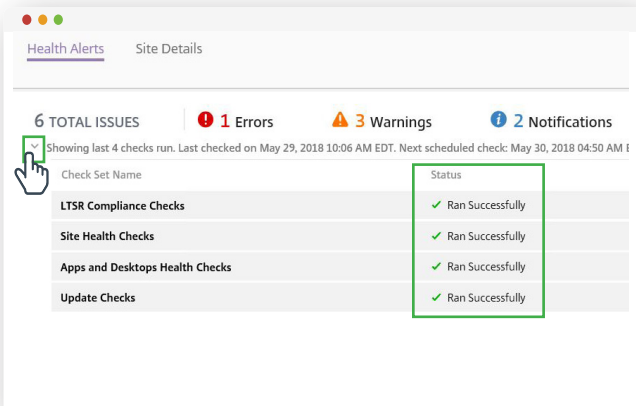
- 11 Afterward, Smart Check displays your Site on the XenApp and XenDesktop Sites page. Click on **Get Started**.



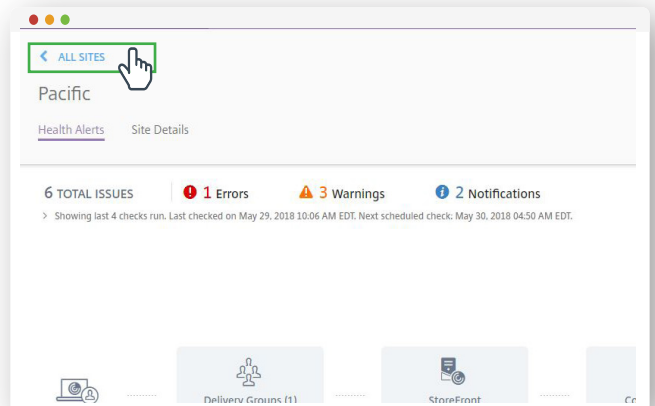
- 12 Default checks are running.



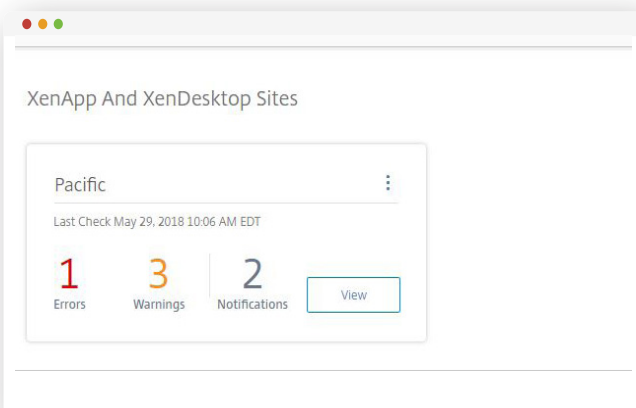
- 13 Click the drop down and confirm that the checks ran successfully.



- 14 Click **ALL SITES** to get to the XenApp And XenDesktop Sites page.

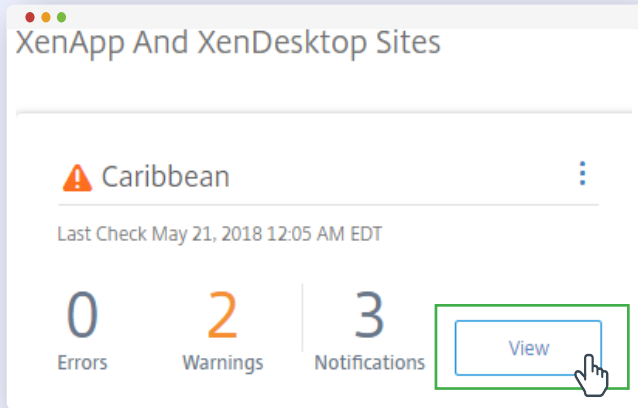


- 15 The XenApp And XenDesktop Sites page appears.

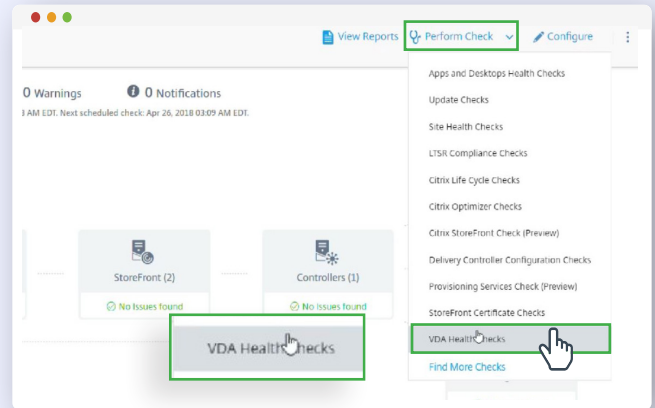


## Perform an on-demand check

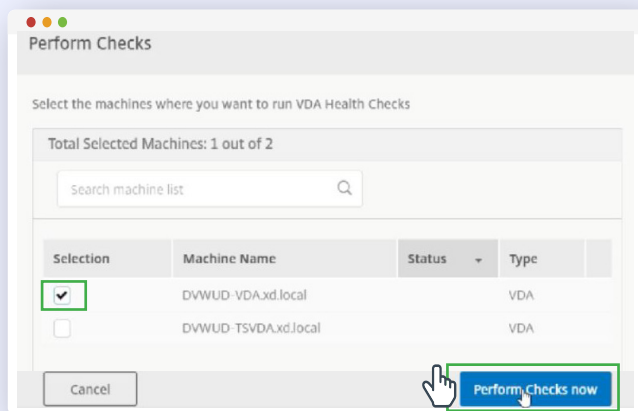
- 1 From the XenApp And XenDesktop Sites page, click **View**.



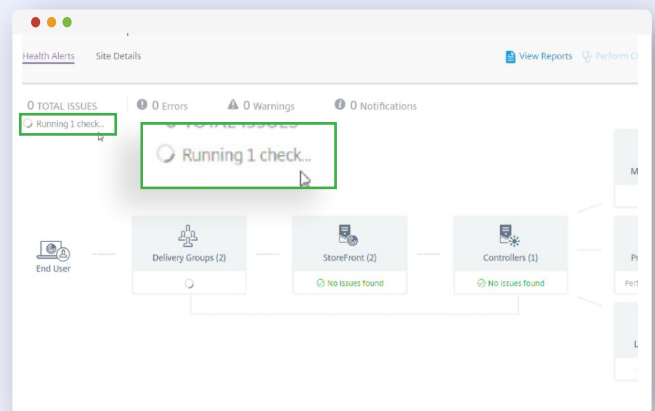
- 2 Click **Perform Check** and select a check (such as **VDA Health Checks**) from the drop down menu.



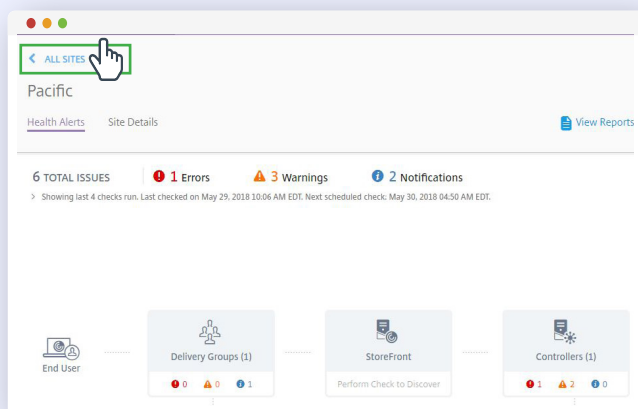
- 3 Select a machine and click **Perform Checks now**.



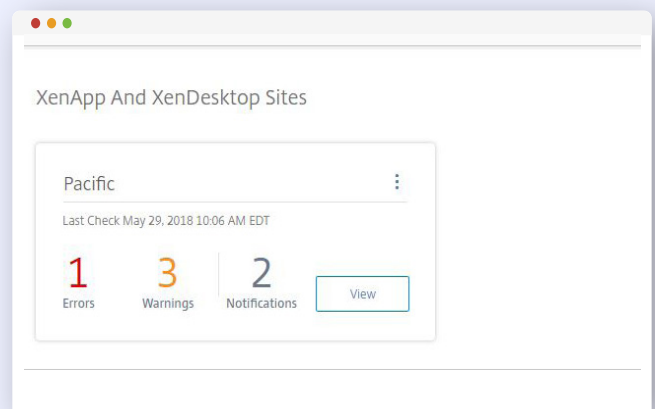
- 4 Smart Check runs the check on demand.



- 5 Click **ALL SITES** to get to the XenApp And XenDesktop Sites page.

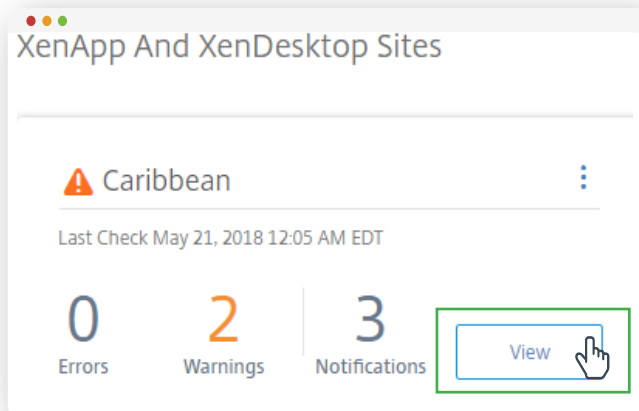


- 6 The XenApp And XenDesktop Sites page appears.

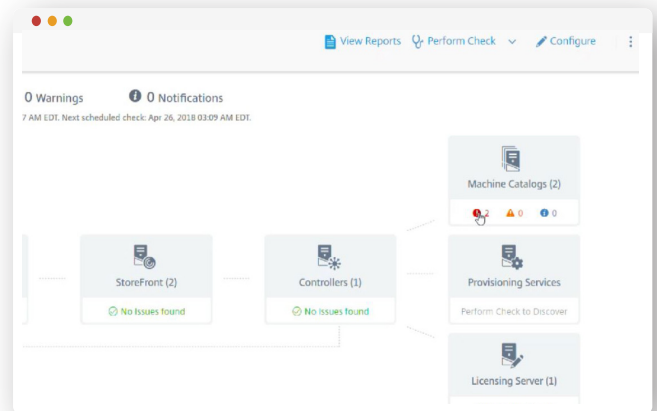


## View alerts

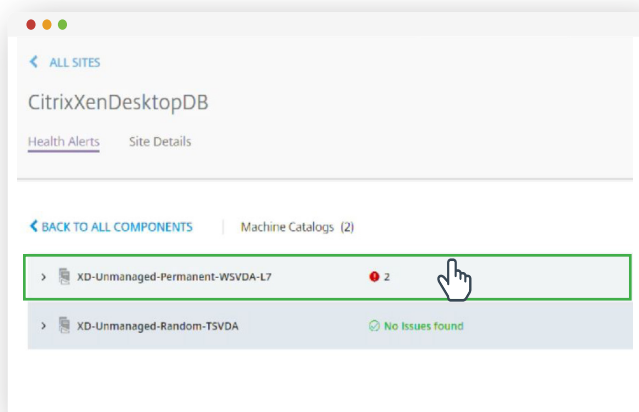
- 1 From the XenApp And XenDesktop Sites page, click **View**.



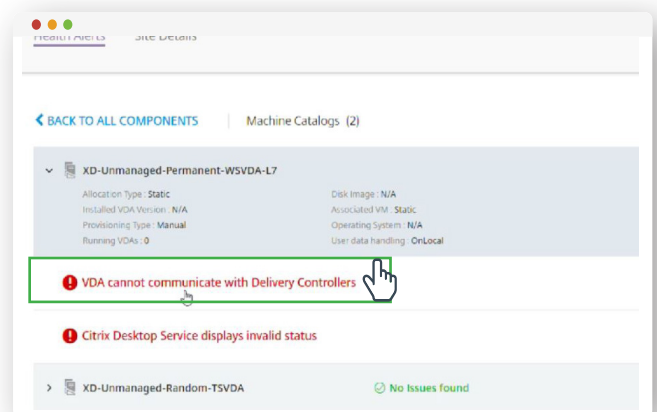
- 2 Click on the component showing the alerts. Skip to the section “Schedule a Check” if no alerts are shown.



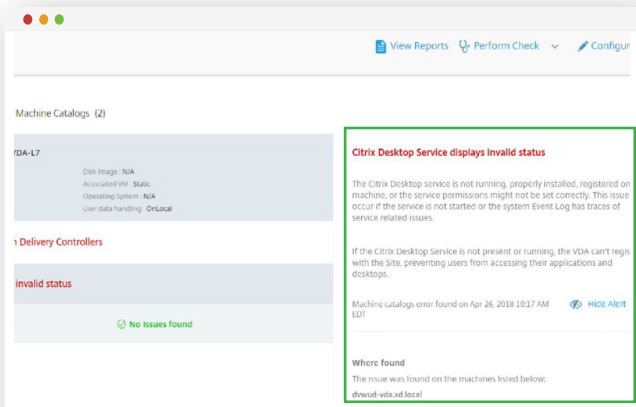
- 3 Select an item with an alert.



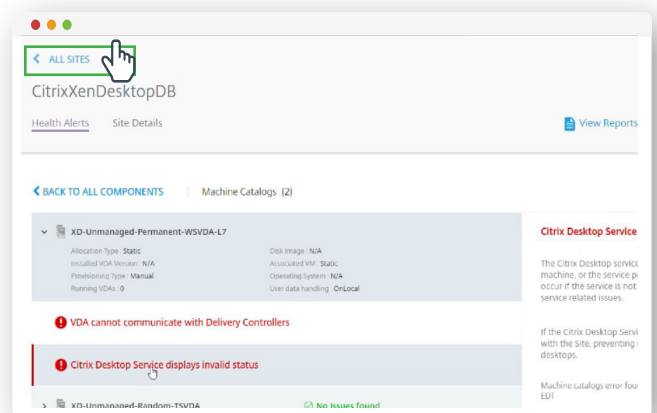
- 4 Click on an alert.



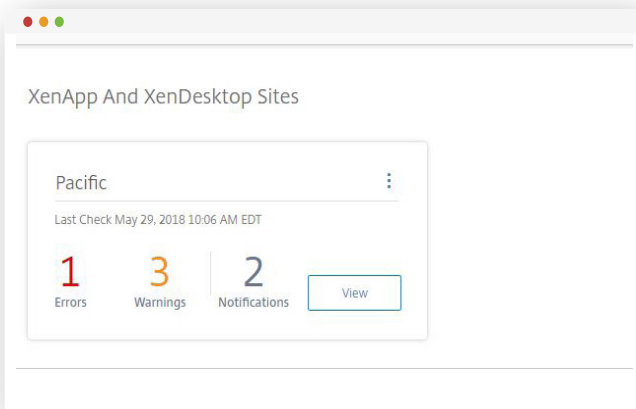
- 5 Alert details appear on the right with resolution description.



- 6 Click **ALL SITES** to get to the XenApp And XenDesktop Sites page.

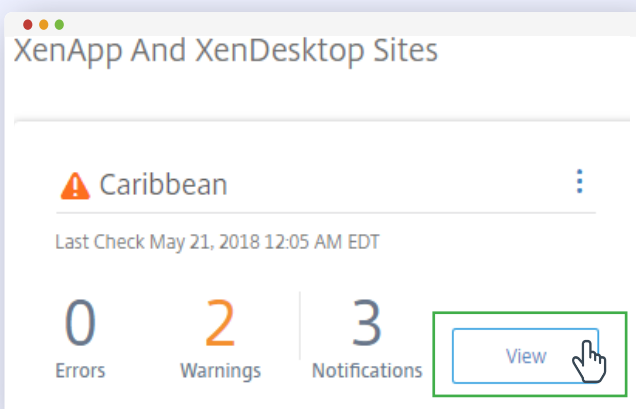


- 7 The XenApp And XenDesktop Sites page appears.

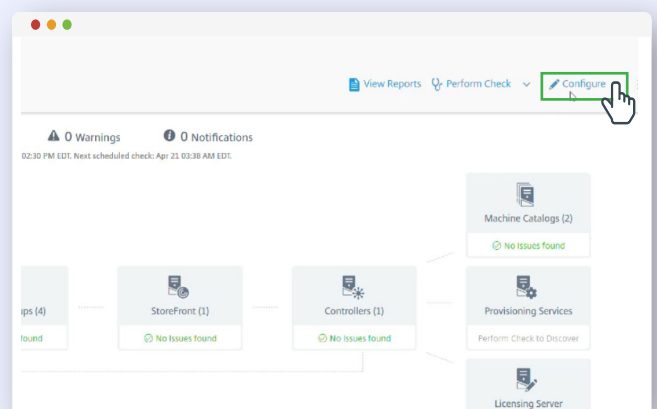


## Schedule a check

- 1 From the XenApp And XenDesktop Sites page, click **View**.

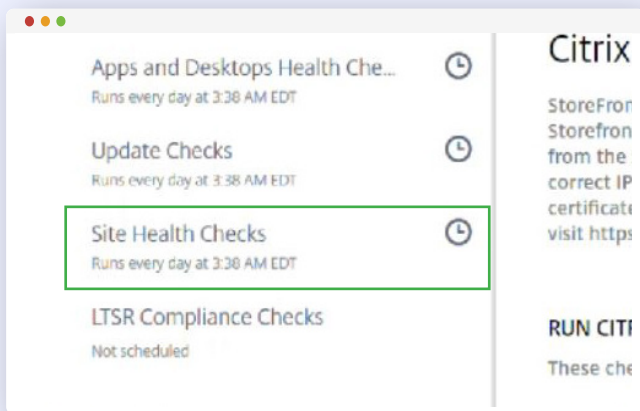


- 2 Click **Configure**.

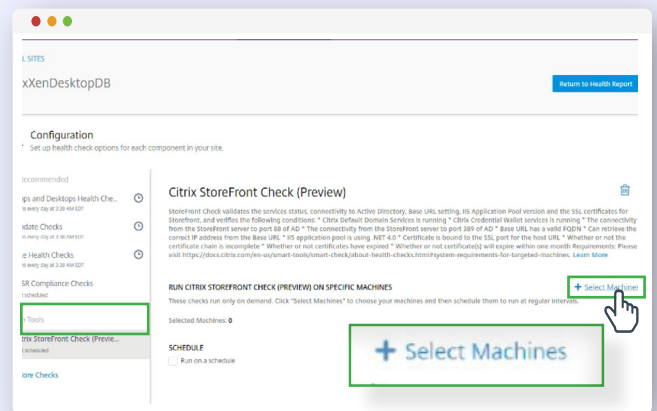




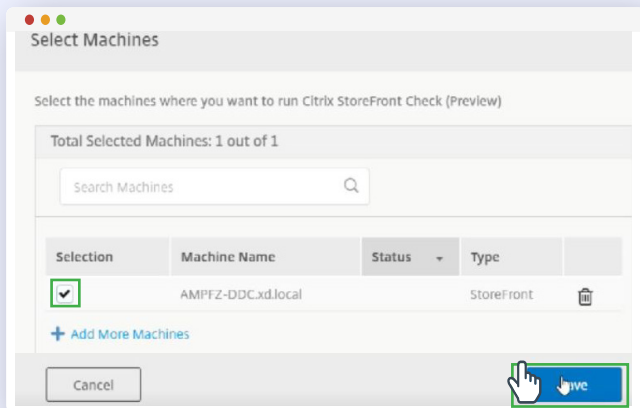
- 3 A check with a clock icon is scheduled. A check without the clock icon has not been scheduled.



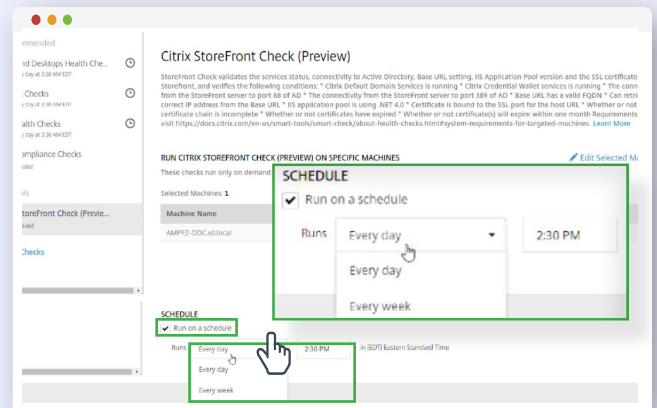
- 4 Select a check that has not been scheduled. Click **Select Machines**, or skip to step 6 if **Select Machines** does not appear.



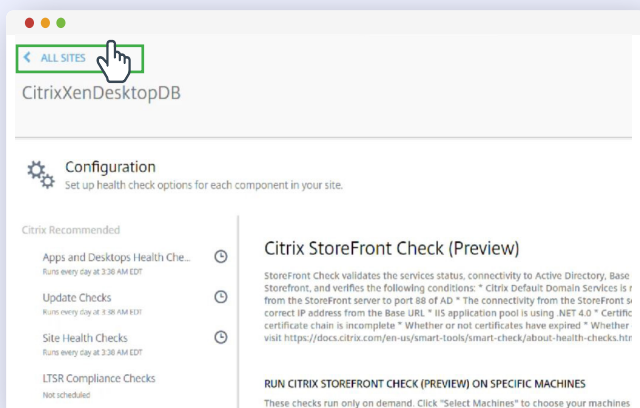
- 5 Select a machine and click **Save**.



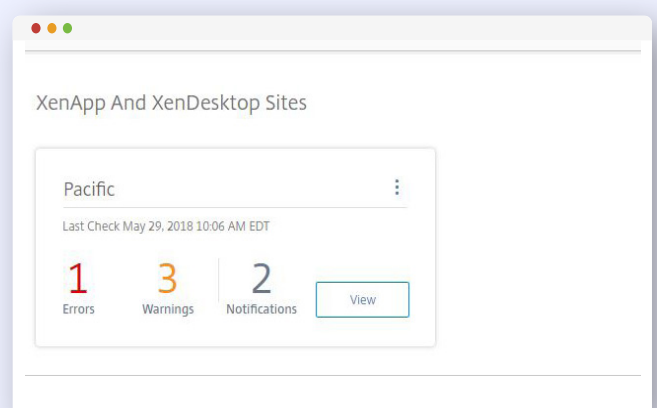
- 6 Select **Run on a schedule** and specify frequency and time.



- 7 Click **ALL SITES** to get to the XenApp And XenDesktop Sites page.

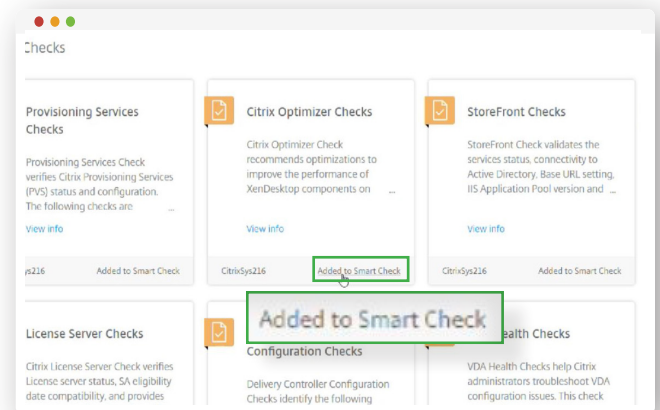
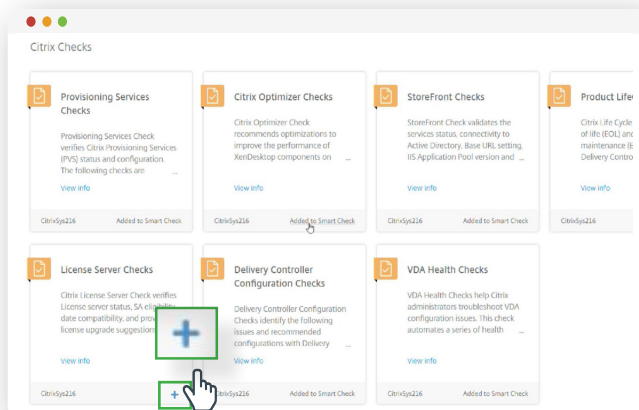
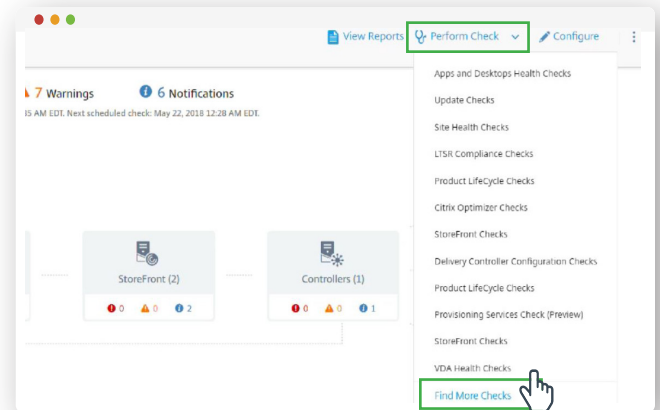
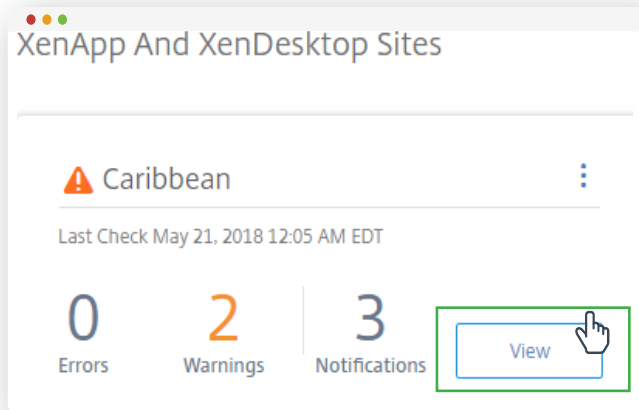


- 8 The XenApp And XenDesktop Sites page appears.



## Add a check

- From the XenApp And XenDesktop Sites page, click **View**.
- Click **Perform Check** and click **Find More Checks** from the drop down menu.
- Click the **plus sign** icon to add any available checks.
- When checks are added, the plus sign icon changes to **Added to Smart Check**.



## Congratulations!

You've set up Smart Check for your XenApp and XenDesktop Site!

## Resources

[Smart Check documentation](#)

[Smart Check discussion forum](#)