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About This Document

Zscaler Overview

**Zscaler** (Nasdaq: ZS), Zscaler enables the world’s leading organizations to securely transform their networks and applications for a mobile and cloud-first world. Its flagship services, Zscaler Internet Access and Zscaler Private Access, create fast, secure connections between users and applications, regardless of device, location, or network. Zscaler services are 100% cloud delivered and offer the simplicity, enhanced security, and improved user experience that traditional appliances or hybrid solutions are unable to match. Used in more than 185 countries, Zscaler operates a massive, global cloud security platform that protects thousands of enterprises and government agencies from cyberattacks and data loss.

For more information on Zscaler, please visit [www.zscaler.com](http://www.zscaler.com) or follow them on Twitter @zscaler.

Company Overview

**Adaptiva** is a leading, global provider of endpoint management and security solutions. The company’s products, including OneSite Cloud, Endpoint Health and Evolve VM, empower enterprises to manage and secure endpoints at unparalleled speed and massive scale using the power of peer-to-peer technology. Leading global Fortune 1000 organizations, including T-Mobile, Nokia, HSBC, Walgreens, the U.S. Department of Defense, and the U.S. Department of Homeland Security, use Adaptiva products to eliminate the need for a vast IT infrastructure and automate countless endpoint management and security tasks. Learn more at [https://adaptiva.com/](https://adaptiva.com/), and follow the company at LinkedIn, Facebook and Twitter.
Audience

This guide is written for Zscaler Administrators, IT Administrators, and IT Analysts responsible for deploying, monitoring and managing SaaS services in an Enterprise environment. For additional product and company resources, please refer to the Appendix section.

Document Authors

This document was authored by Adaptiva and Zscaler Solution Architects in the Zscaler Business Development / Technical Alliances team (aka “BD SA”). All solutions validated within this guide have been jointly reviewed by both vendors.

Software Revisions

This document was authored using Zscaler Internet Access v6.0 and Adaptiva OneSite Cloud Production Release dated June 2, 2021. A Company developer account was used to created and verify the features enabled and used as examples.

Create a Company Developer Account:

Request for Comments

- **For Prospects / Customers:** We value the opinions and experiences of our readers. To offer feedback or corrections for this guide, please contact us at:
  - partner-doc-support@zscaler.com

- **For Zscaler Employees:** If you are trying to reach the team that validated and authored the integrations contained within this document, please contact us at:
  - z-bd-sa@zscaler.com
1 Overview for Zscaler and for Adaptiva OneSite Cloud

1.1 Overview

Adaptiva is a leading, global provider of endpoint management and security solutions. The company’s products, including OneSite Cloud, Endpoint Health and Evolve VM, empower enterprises to manage and secure endpoints at unparalleled speed and massive scale using the power of peer-to-peer technology. The advantages of OneSite Cloud is the ability to provide content to any device on any network.

This guide will cover the configuration of Zscaler Internet Access for Adaptiva OneSite Cloud Platform thus allowing the full functionality of the product.

1.2 Adaptiva OneSite Cloud

Figure 1: Network Flow

With changes to world, workforces are increasingly working away from the enterprise network which has forced many organizations to accelerate their digital transformation efforts to meet new consumer needs and enable employees to work remotely. One of the barriers to that transformation is the ability to deliver content (such as new software, security patches, system updates, OSes and applications) to endpoints quickly, securely and without creating network issues. OneSite Cloud helps solve this challenge. OneSite Cloud combines the world’s most
advanced software distribution engine with a new, revolutionary architecture to seamlessly extend the boundaries of the enterprise network to cover the entire internet

1.3 Zscaler for the Adaptiva OneSite Cloud

OneSite Cloud with Zscaler integration allows for securely manage endpoints at unprecedented speed and scale regardless of where they are located. Along with the ability to control access to endpoints and monitor traffic flow. This allows the ability to distribute content reliably and securely to all endpoints, including those not connected to the corporate network, which is key to enabling a remote workforce and easing the pressure on your corporate network. OneSite Cloud delivers content to endpoints at unprecedented speed and scale regardless of where they are and ensures they stay updated and secure at all times while offloading the WAN and VPN traffic to ensure your network stays highly available for mission-critical applications.

What makes the OneSite Cloud unique

Efficient end-point content delivery - OneSite Cloud client minimizes the need to download content from single sources, and then uses intelligence, not additional infrastructure, to store and distribute that content, thus eliminating the need for 100’s or 1000’s of servers typically used to distribute software across a large enterprise. The Adaptiva Content Delivery Network built into the OneSite Cloud license eliminates the need to store content on expensive cloud servers, dramatically reducing costs.

Ease digital transformation - OneSite Cloud helps you transition from traditional on premises infrastructure to the Cloud and modern device management at your own speed to make your enterprise more agile and resilient. Breakthrough technologies in OneSite Cloud supports a wide array of system management platforms such as Microsoft ConfigMgr, Microsoft Intune, and VMWare Workspace ONE. Allowing confidence all devices can receive critical updates no matter how the device is connected.
2 Configure OneSite Cloud with ZScaler Internet Access

For more information, please see the resources in *Appendix A: Z scaler Resources*.
2.1 Configure ZScaler Internet Access

![Figure 3: Connect to Zcaler Admin WebSite](image)

- Log into the Zcaler Tenant with Administrator Credentials
2.1.1 Configure Adaptiva Cloud App Policy

Figure 4: Add Adaptiva Cloud URL Filtering Rule

To begin the policy configuration to redirect Adaptiva Messaging to Adaptiva Cloud Relay is required for both server and clients if using Zscaler. Launch the URL Filtering Wizard by following the below steps.

- Select Policy
- Select URL & Cloud App Control
- Select Add URL Filtering Rule
2.1.2 Configure URL Filtering Rule

![URL Filtering Rule Configuration](image)
Figure 5: Configure Adaptiva Filtering Rule

In the URL Rule Wizard Select the Rule Order based on your current policy processing and enable the rule under Rule Status. Then select the arrow in URL Categories and then select the plus sign on the URL Selection Screen to add in Adaptiva Cloud Category.

- Select the Rule Order
- Name the Rule in the Rule Name Field
  - Adaptiva Cloud
- Enable the Rule
- Select the Dropdown Arrow in the URL Categories Field
  - Adaptiva Cloud (if exists already)

2.1.3 Configure Adaptiva URL Category
Figure 6: Configure URL Category

- Select the Plus Sign next to the Search Field on the URL Selection Screen (New Page)
- Add the Name
  - Adaptiva cloud
- Under Custom URLs Add
  - .adaptiva.cloud
- Description (Optional)
  - URL category for Adaptiva OneSite Cloud Messaging
- Click Save

Figure 7: Configure Adaptiva Cloud URL Category Cont.

Scroll down the Wizard to fill in the remaining fields.

- For Request Methods Select CONNECT, HEAD, GET and POST
- For Protocols Select HTTP, and HTTPS
- For Action Web Traffic Select Allow
- Select Save to Complete our Configuration
2.1.4 Configure Adaptiva CDN Policy

Next repeat the steps for creating Adaptiva CDN Policy to allow downloads from CDN for client devices if using Zscaler. Server only needs it to validate CDN functionality from Adaptiva Server. First launch the Add URL Filtering Wizard by following the below steps.

- Select Policy
- Select URL & Cloud App Control
- Select Add URL Filtering Rule
In the URL Rule Wizard Select the Rule Order based on your current policy processing and enable the rule under Rule Status. Then select the arrow in URL Categories and then select the plus sign on the URL Selection Screen to add in Adaptiva Cloud Category.

- Select the Rule Order
- Name the Rule in the Rule Name Field
  - Adaptiva Cloud
- Enable the Rule
- Select the Dropdown Arrow in the URL Categories Field
  - Adaptiva Cloud (if exists already)

### 2.1.5 Add Adaptiva CDN URL
Figure 10: Add Adaptiva CDN URL Category

- Select the Plus Sign next to the Search Field on the URL Selection Screen (New Page)
- Add the Name
  - Adaptiva cloud
- Under Custom URLs Add
  - .adaptivacdn.cloud
- Description (Optional)
  - URL category for Adaptiva Content Distribution Network
- Click Save

2.1.6 Add URL Filtering Adaptiva CDN Cont.
Scroll down the Wizard to fill in the remaining fields.

- For Request Methods Select CONNECT
- For Protocols Select HTTP Proxy, and SSL
- For Action Web Traffic Select Allow
- Select Save to Complete our Configuration
2.1.7 Configure S3 Bucket Policy

If the Adaptiva server will be connection through ZScaler then create an Adaptiva S3 Bucket Policy Launch the URL Filtering Wizard by following the below steps if Amazon AWS is not currently allowed. If an Amazon AWS is allowed minimum configuration required for the server to access for the connection will be Protocols HTTP; HTTP Proxy; HTTPS; SSL; Tunnel SSL and Request Methods of Connect; Delete; Get; Options; Put; Post.

- Select Policy
- Select URL & Cloud App Control
- Select Add URL Filtering Rule
In the URL Rule Wizard Select the Rule Order based on your current policy processing and enable the rule under Rule Status. Then select the arrow in URL Categories and then select the plus sign on the URL Selection Screen to add in Amazon AWS Category.

- Select the Rule Order
- Name the Rule in the Rule Name Field
  - Amazon AWS
- Enable the Rule
- Select the Dropdown Arrow in the URL Categories Field
  - Amazon AWS (if exists already)

### 2.1.8 Add URL Adaptiva S3 Bucket URL
Select the Plus Sign next to the Search Field on the URL Selection Screen (New Page)

Add the Name
  - Amazon AWS

Under Custom URLs Add
  - .amazonaws.com

Description (Optional)
  - URL category for Amazon AWS
2.1.9 Add URL Adaptiva S3 Bucket Cont.

Scroll down the Wizard to fill in the remaining fields.

- For Request Methods Select Connect; Delete; Get; Options; Put; Post
- For Protocols Select HTTP; HTTP Proxy; HTTPS; SSL; Tunnel SSL
- For Action Web Traffic Select Allow
- Select Save to Complete our Configuration
2.1.10 Activate Policy Changes

Be sure to Activate the new settings.
3 Zscaler Client Configuration

3.1.1 Client Configuration

Depending on the tunnel version in use or planned to be used, additional configurations can be required.

- Open Zscaler Client Connector Portal from the Policy Menu
If the Forwarding Profile, Tunnel Version is set to **Z-Tunnel 1.0** no additional settings are needed.

If the Forwarding Profile, Tunnel Version is set to **Z-Tunnel 2.0** the following additional configuration are need on the App Profile.

- Click on App Profiles.
- Click Add Windows policy if you are creating a new client connector policy, otherwise select and modify an existing policy.
• Select the Target Group or users.
• Select the Forwarding Profile.

- Add in Destination Exclusions for Adaptiva Client internet peer to peer.
3.1.2 Adaptiva Client Setting

Additional proxy configuration may be needed for the Adaptiva client. This configuration can vary depending on the version of the Adaptiva version installed within the customer environment. Please review proxy configuration document located on https://support.adaptiva.com for additional information. If the default client setting does not work, then the following configuration can be performed.

Open Adaptiva Web UI.

Select Client Setting Policies from the Global Settings menu.

Create a New client settings policy.

- Click Save
• Define the name of the client settings profile
• Set the Priority to 2 or higher
• Set the target group or SCCM collection that this policy will be applied to.

• Select Add Settings

• Enter in Proxy in the search box.
• Select Custom Proxy Port
• Select Custom Proxy Server
• Prefer User Proxy
Enter in the Custom proxy port as 9000
Enter in the Custom proxy server as 127.0.0.1
Enter in the Prefer User Proxy as false

Click Save

4 Appendix A:

4.1 Zscaler Resources

Zscaler Internet Access (ZIA)
https://www.zscaler.com/products/zscaler-internet-access

Adding SaaS Application Tenant
https://help.zscaler.com/zia/adding-saas-application-tenants

About SaaS Application Tenant
https://help.zscaler.com/zia/about-saas-application-tenants

SaaS Security API DLP Policy

About Data Loss Prevention

About DLP Dictionaries

About DLP Engines
SaaS Security Insights

SaaS Posture Security

Cloud Application Access Control
https://help.zscaler.com/zia/about-cloud-app-control

SaaS Identity Proxy

ZDX
https://help.zscaler.com/zdx

ZDX Predefined Applications
https://help.zscaler.com/zdx/predefined-applications-zdx

4.2 Adaptiva Resources

About Adaptiva
https://www.Adaptiva.com

Adaptiva Product Documentation
http://docs.adaptiva.com/home

Adaptiva Community
https://support.adaptiva.com/hc/en-us/community/topics

Adaptiva Support
https://support.Adaptiva.com