

Slide 1 - The Zscaler App: Introduction



The Zscaler App

An Introduction

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Slide notes

Welcome to this training module that provides a brief introduction to the Zscaler App.

Slide 2 - Navigating the eLearning Module

The screenshot shows the Zscaler Application Performance Management (ZAPP) dashboard. At the top right is the Zscaler logo. Below it, the title "Navigating the eLearning Module" is displayed. On the left, there's a sidebar with "Dashboard", "Diagnostics", "Live Logs", "Administration", and a "Search" bar. The main area has tabs for "Applications", "Users", and "Health". A date range selector shows "14 Days". Key metrics include "APPLICATIONS ACCESSED" (15), "DISCOVERED APPLICATIONS" (3), "ACCESS POLICY BLOCKS" (0), and "SUCCESSFUL TRANSACTIONS" (884). A large blue callout box highlights several controls: "Play/Pause" (play/pause button), "Previous Slide" (left arrow), "Next Slide" (right arrow), "Progress Bar" (progress bar with a slider), "Audio On/Off" (muted volume icon), and "Closed Captioning" (closed caption icon). The background shows a list of "TOP APPLICATIONS BY BANDWIDTH" and "TOP POLICY BLOCKS".

Slide notes

Here is a quick guide to navigating this module. There are various controls for playback including **Play and Pause**, **Previous** and **Next** slide. You can also **Mute** the audio or enable **Closed Captioning** which will cause a transcript of the module to be displayed on the screen. Finally, you can click the X button at the top to exit.

Slide 3 - Agenda

Agenda



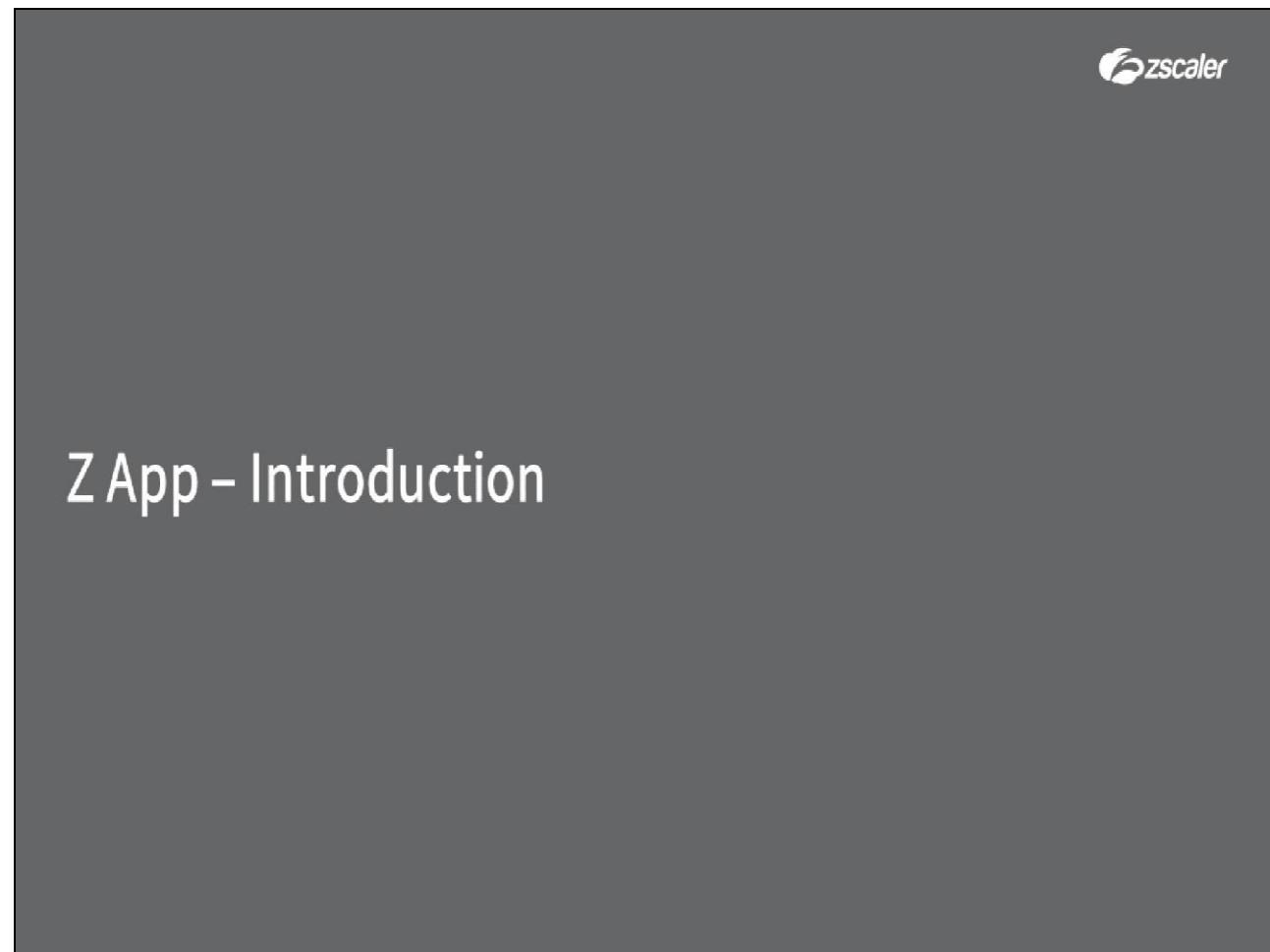
- Z App – Introduction
- Z App – For Internet Security
- Z App – For Private Access
- Z App – Platforms and Requirements
- Accessing the Z App Portal
- Navigating the Z App Portal

Slide notes

In this module we will cover the following topics: A quick introduction to the Zscaler App; an overview of the Zscaler App when used for the Zscaler Internet Access (ZIA) service; an overview of the Zscaler App when used for the Zscaler Private Access (ZPA) service; details of the platforms supported and platform requirements for installing Z App; how to access the Zscaler App Portal for management; and a quick overview of the navigation of the Zscaler App Portal.

Note, this module only provides an overview of the Zscaler App and its settings. The Z App architecture, configuration and management is covered in full detail in both the ZCCP-IA and ZCCA-PA certifications.

Slide 4 - Z App – Introduction



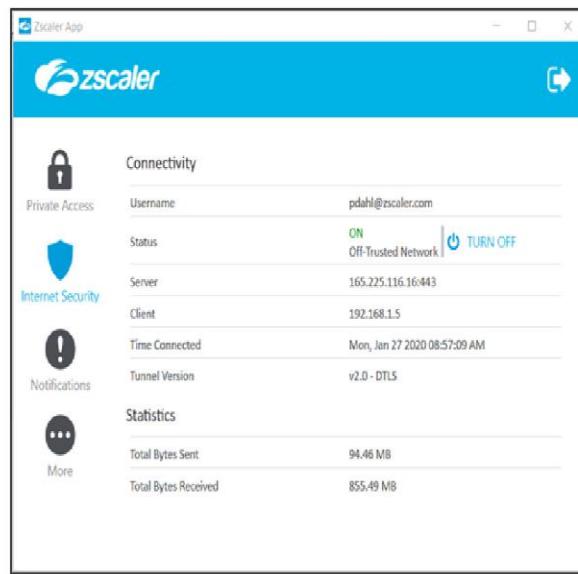
Slide notes

The first topic that we will cover is a quick introduction to the Zscaler App.

Slide 5 - Zscaler App – One App to Connect Them All

Zscaler App – One App to Connect Them All

- Free client SW agent to:
 - Protect road warriors (ZIA service)
 - Connect remote users (ZPA service)



Slide notes

The Zscaler App is client agent software available from Zscaler at no additional charge. It is an enabler for the two key services that Zscaler provides:

1. It provides another method for the forwarding of end user traffic to the **Zscaler Internet Access** (ZIA) Cloud to allow the enforcement of Zscaler Internet Security, one that is particularly well suited for your road warriors;
2. It can also be used to connect your end users to private applications in your own Data Centers, or hosted in public or private Cloud services, using the **Zscaler Private Access** service (ZPA).

Slide 6 - Zscaler App – One App to Connect Them All

Zscaler App – One App to Connect Them All

- Free client SW agent to:
 - Protect road warriors (ZIA service)
 - Connect remote users (ZPA service)
- General Features:
 - Installers for Windows, Mac, iOS, Android
 - Silent install options
 - One time end user enrollment
 - Enrollment on up to 16 devices
 - Privacy controls for GDPR compliance
 - Packet Filter driver for Windows
 - Packet capture on Windows (all interfaces)

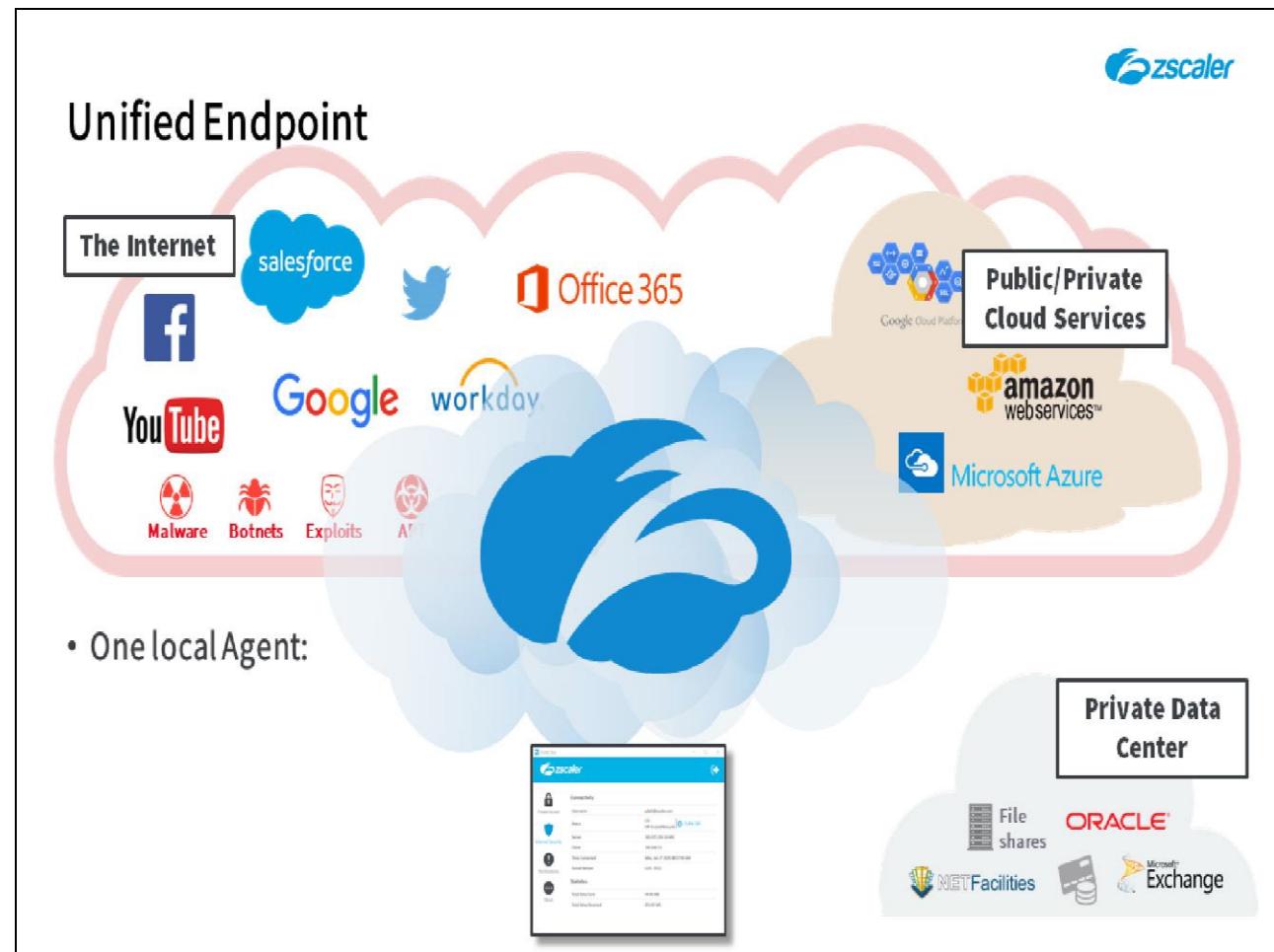


Slide notes

Some general features of the app, applicable to both services, are:

- Support for Windows and Mac PCs and mobile devices (iOS and Android), the app install file for PCs is available for download from the Zscaler App Portal and the mobile installers are available on the relevant public App Stores;
- You can push the App for silent install on the PC platforms;
- There is a one-time enrollment process with the authentication method of your choice (although SAML is recommended), with on-going user verification using a device fingerprint captured during enrollment;
- Users can enroll into the App on up to 16 devices (although you can set a lower limit if you choose);
- The collection of device owner information can be disabled for compliance with GDPR requirements;
- A **Packet Filter Based** driver is available for Windows for better performance, enforcement and interoperability;
- Plus packet captures are possible across all interfaces on the PC.

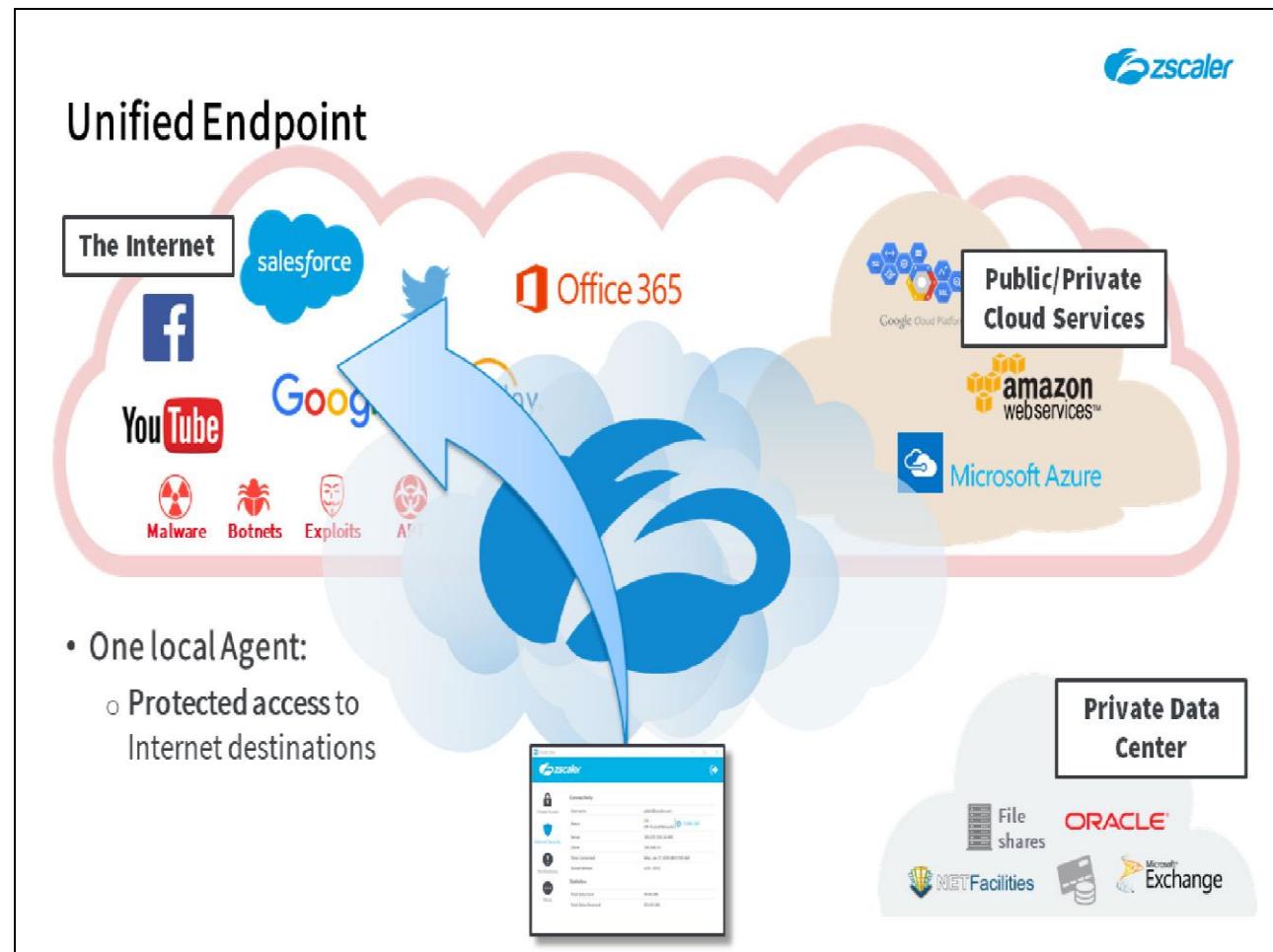
Slide 7 - Unified Endpoint



Slide notes

Zscaler App is available for PCs and Mobiles and is the one common component of the ZIA and ZPA services. The one piece of agent SW can be used simultaneously for both, ...

Slide 8 - Unified Endpoint

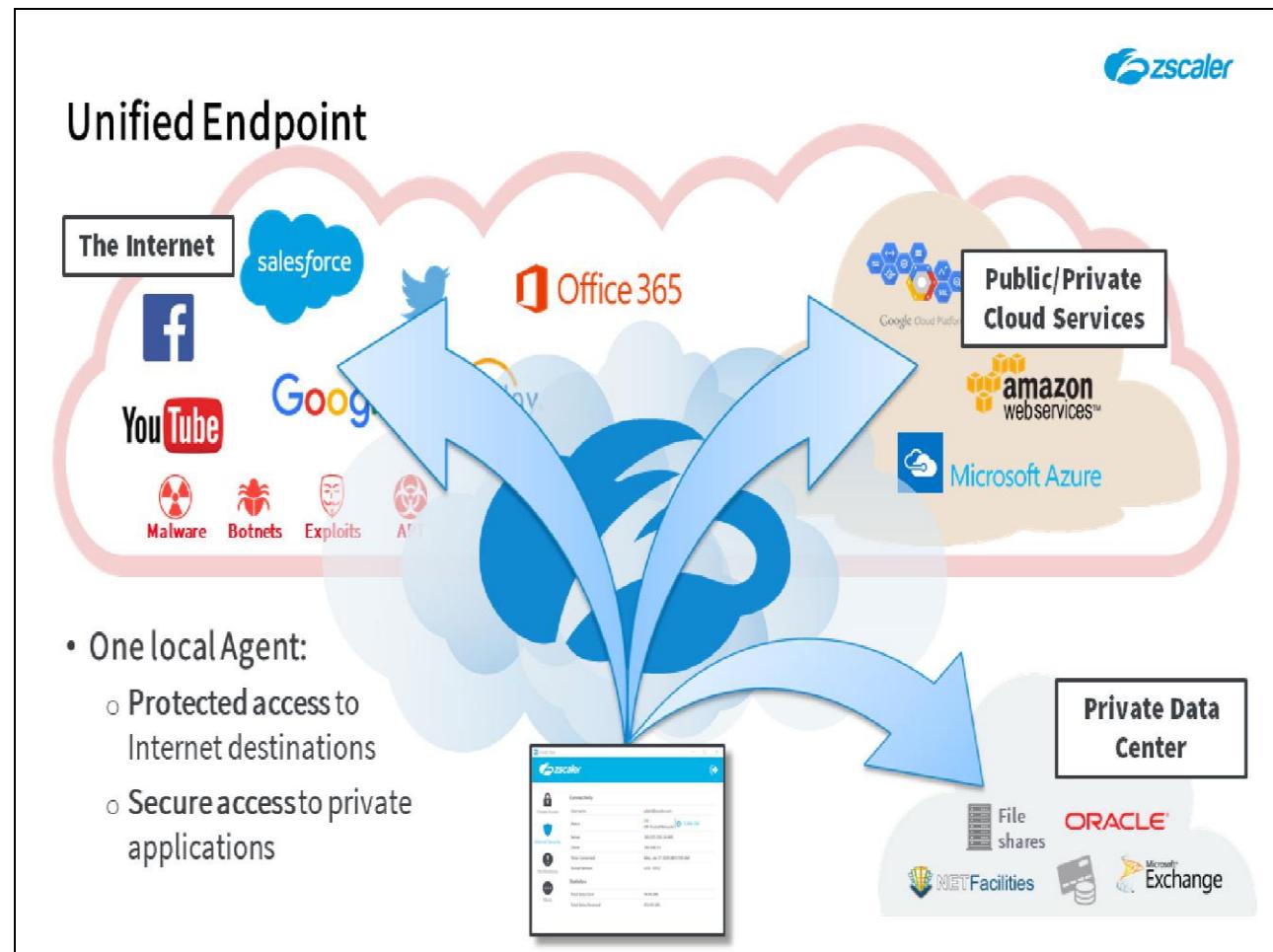


Slide notes

1. **Protecting users from threats** as they browse the Internet. Zscaler App in this instance provides another forwarding method to send end user traffic to the Zscaler Internet Access service for scanning and blocking of malicious activities.

Z App is not a requirement in order to connect users through the ZIA cloud, but it is a very effective method that is fully proxy aware and can even support the forwarding of multiple protocols and ports (using a Tunnel 2.0 configuration).

Slide 9 - Unified Endpoint



Slide notes

2. Providing secure access to private applications no matter where they are hosted (in a data center or in a public or private cloud) with the Zscaler Private Access service.

Once again, Z App is not a requirement to implement ZPA connectivity, a Browser Access option is also available but only for web-based applications. With Z App you can support unicast IPv4 connectivity to applications on just about any port.

Slide 10 - Zscaler App Portal

The screenshot shows the Zscaler App Dashboard with the following data:

- Zscaler App License:** Bar chart showing 100 Subscribed and 10 Used.
- Device Model:** Donut chart showing distribution of devices by model.
 - LENOVO 80E5 (Blue)
 - Apple iMac9,1 (Red)
 - Apple iPad3,4 (Green)
 - Others (Yellow)
- Device OS:** Donut chart showing distribution of devices by operating system.
 - Microsoft Windows 10 (Blue)
 - Version 10.1 (Red)
 - Windows 10 (Green)
 - Microsoft Windows 7 (Yellow)
 - Version 10.1 (Grey)
 - Others (Light Blue)
- Device Policy Status:** Donut chart showing distribution of devices by policy status.
 - Outdated (Blue)
 - Removed (Red)
 - Updated (Green)
 - Unregistered (Yellow)
- Zscaler App by Platform:** Bar chart showing the number of apps by platform.
 - iOS: 2
 - Android: 0
 - Windows: 6
 - Mac: 2

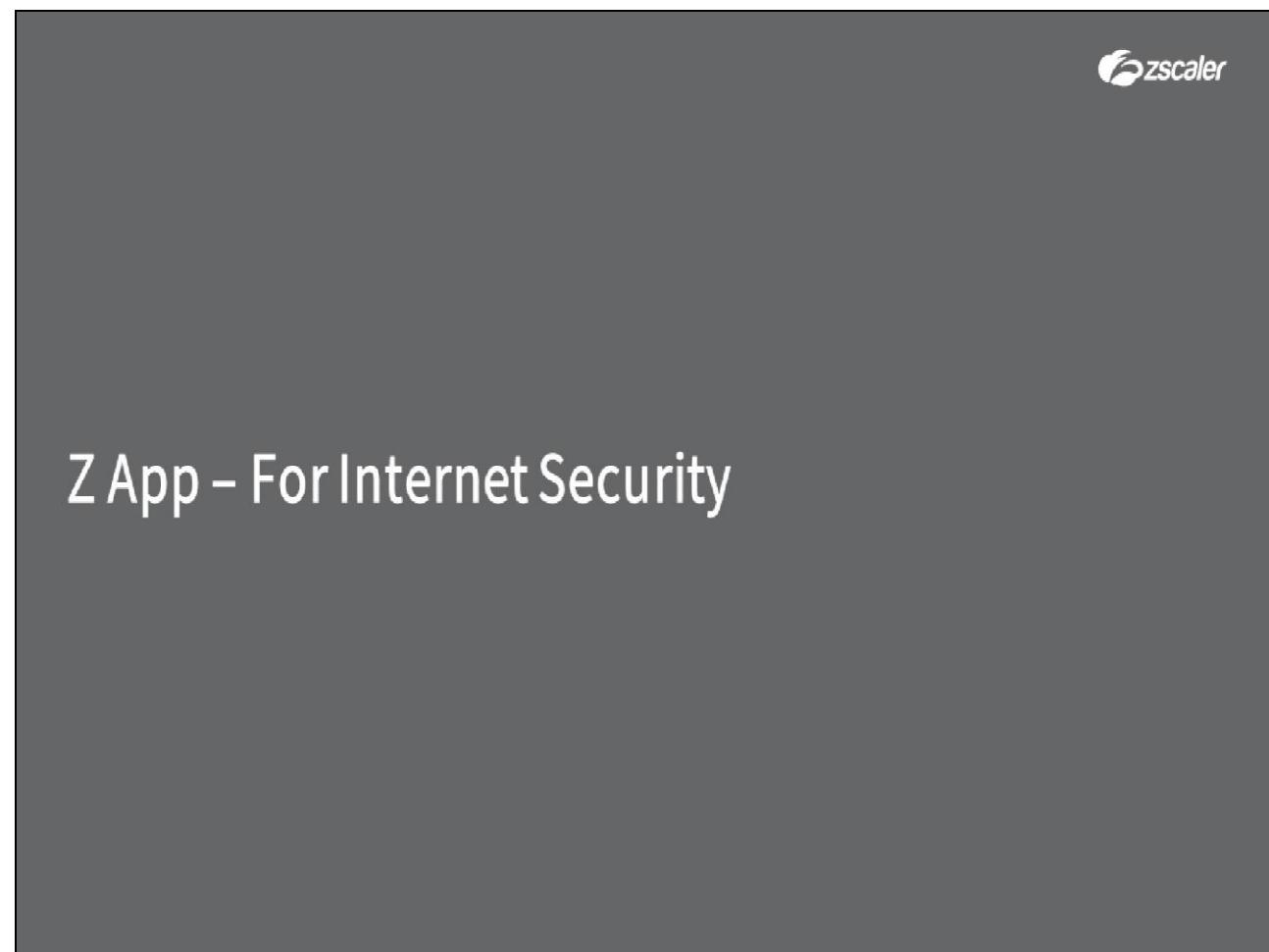
Zscaler App Portal to configure and manage the Zscaler App
Accessible from both the Internet access and private access Admin Portals

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Slide notes

The **Zscaler App Portal** provides a one stop shop for accessing the Zscaler App install files for PCs, for configuring the App and for reporting on the devices using the App. It is accessible both from the Zscaler Internet Access Admin Portal, and from the ZPA Admin Portal. We will look at some of the key pages within this Portal during an interactive demo later in this module.

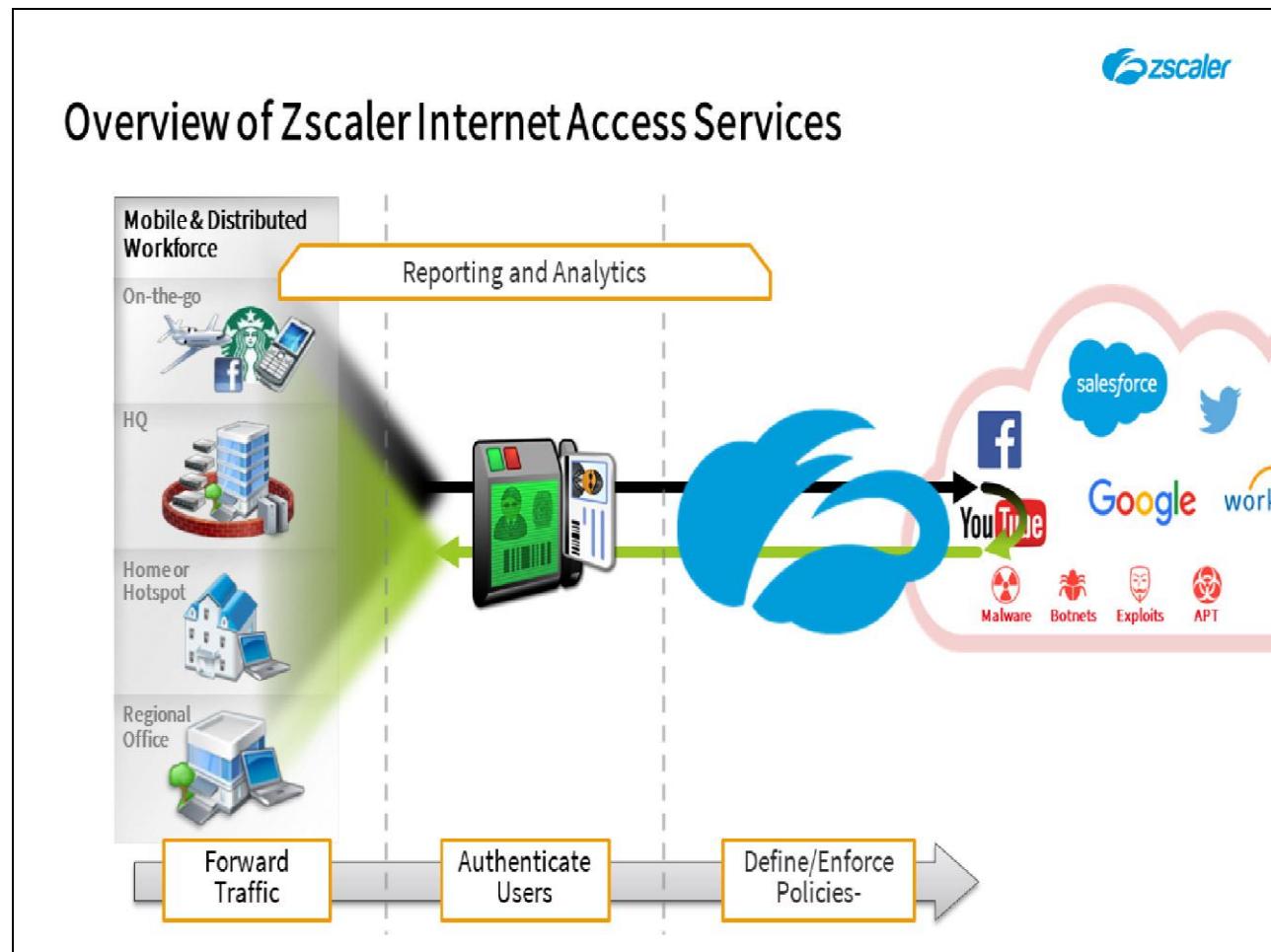
Slide 11 - Z App – For ZIA



Slide notes

The next topic that we will cover is a look at the Zscaler App used for Internet Security with the ZIA service.

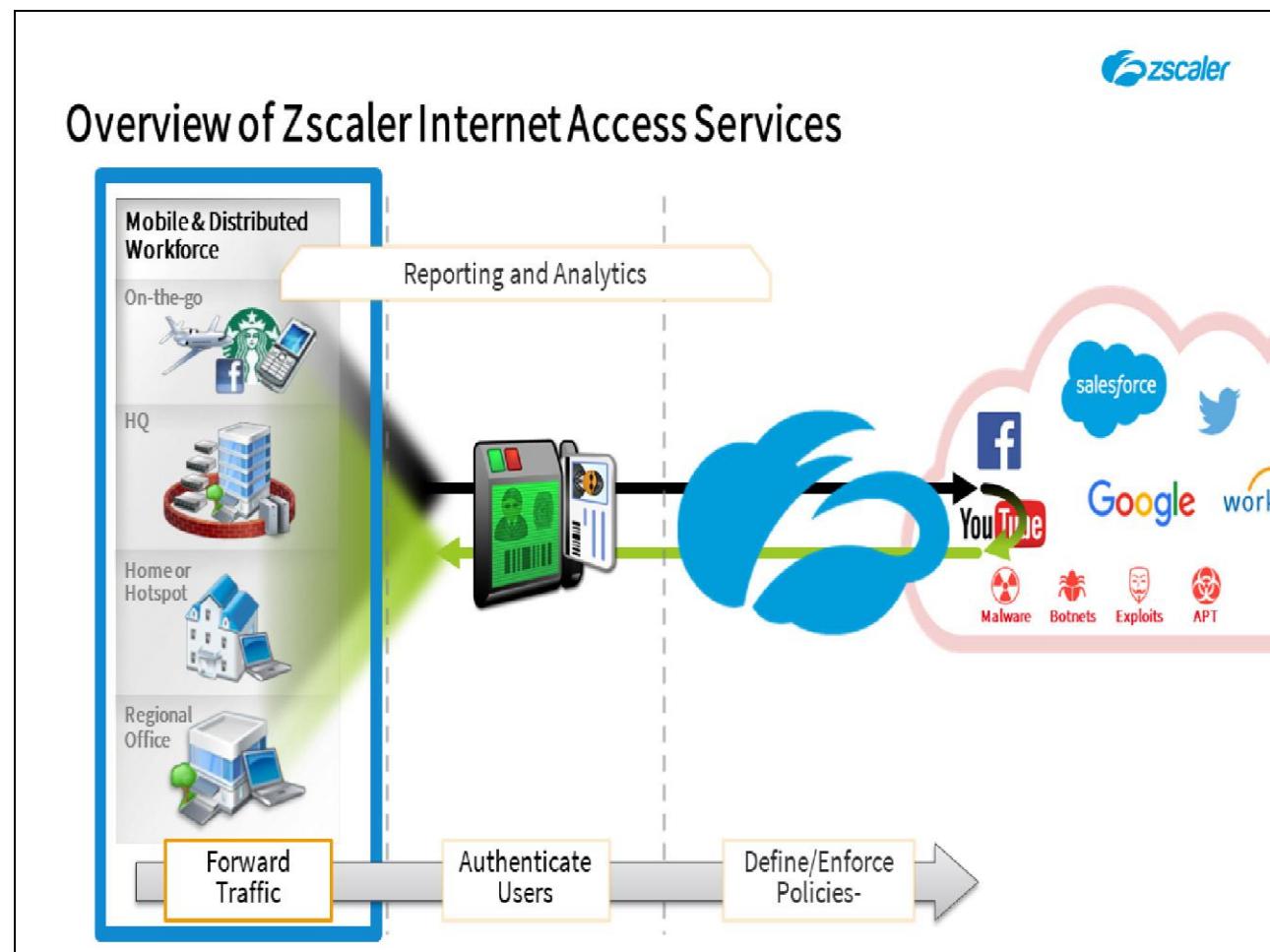
Slide 12 - Overview of Zscaler Internet Access Services



Slide notes

As a reminder, there are the four main functional areas that you need to consider when implementing Zscaler for Internet Security.

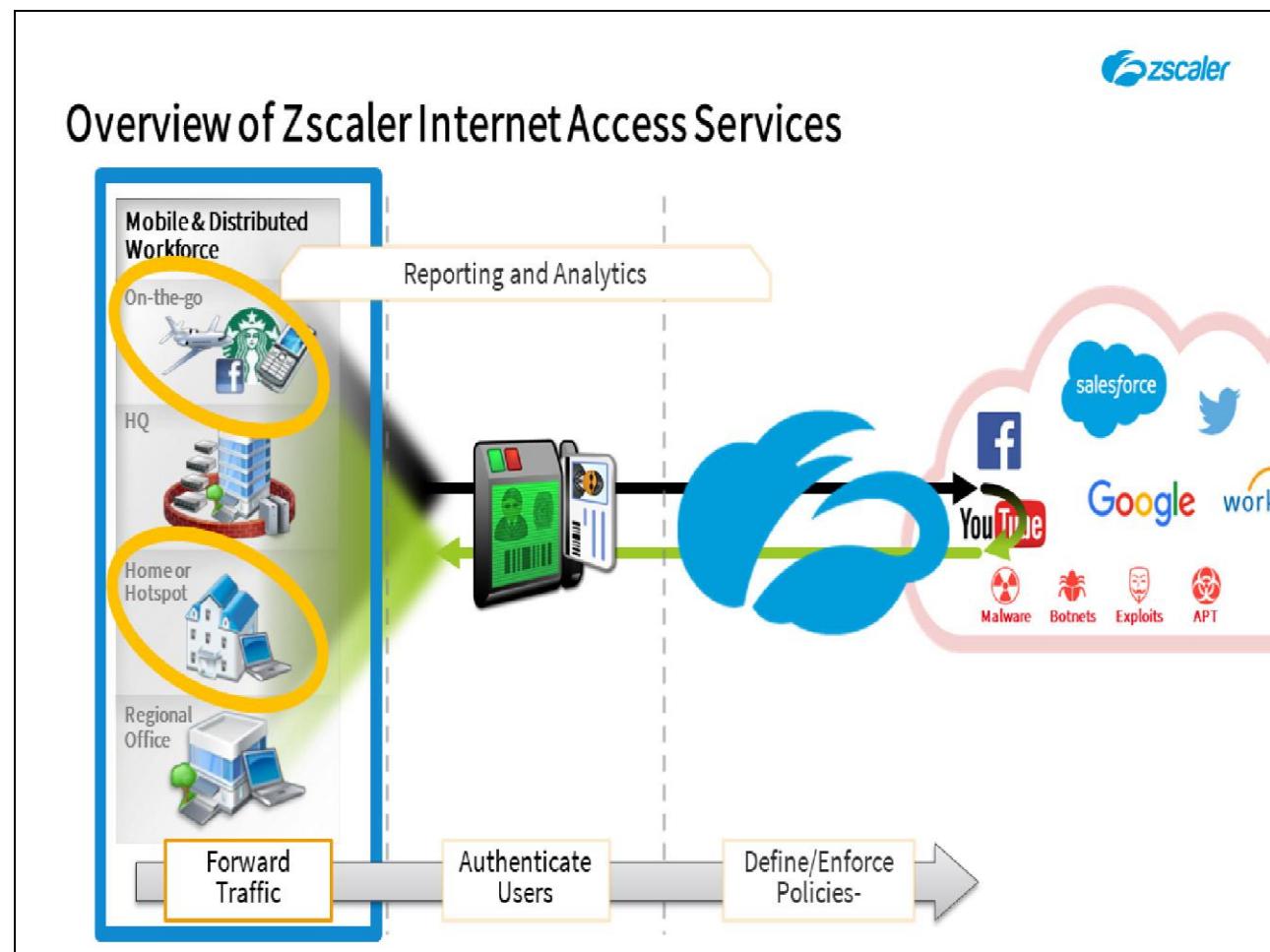
Slide 13 - Overview of Zscaler Internet Access Services



Slide notes

With Z App we are still looking at the forwarding of traffic from your end users to the Zscaler Cloud service, ...

Slide 14 - Overview of Zscaler Internet Access Services



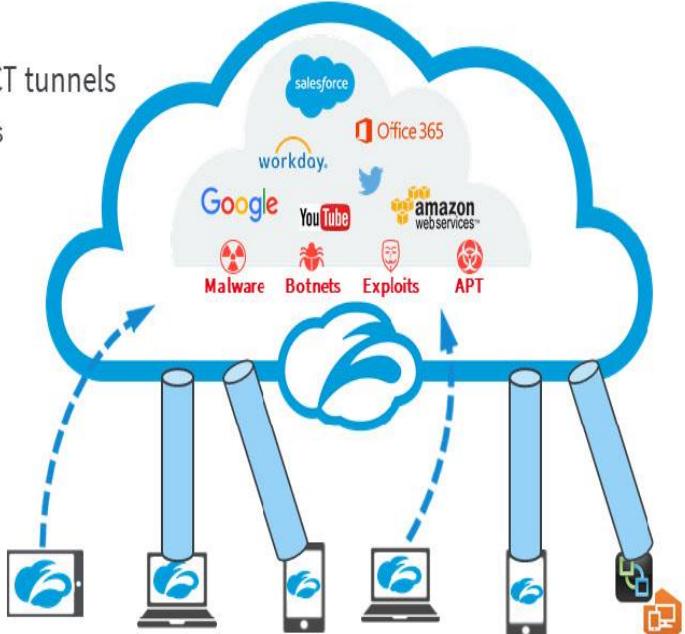
Slide notes

...an option that is particularly well suited for your Road Warriors, users who do not always connect from one of your fixed locations.

Slide 15 - Zscaler App – Internet Access Capabilities

Zscaler App – Internet Access Capabilities

- Configurable forwarding options:
 - Tunnel 1.0: Lightweight HTTP CONNECT tunnels
 - Route or Packet Filter mode on Windows
 - Tunnel With Local Proxy option
 - Tunnel 2.0: DTLS or TLS (Z App >2.x)
 - Enforce Proxy: Apply/refresh PAC file



Slide notes

With Z App used for Internet Security, there are actually a number of forwarding options, including:

- Tunnel 1.0 which will establish lightweight, unencrypted HTTP CONNECT tunnels to a local ZEN on the ZIA Cloud;
 - On Windows platforms with Tunnel 1.0 you can use either a **Route Based** or **Packet Filter Based** driver (although the latter driver is recommended);
 - Also with Tunnel 1.0 you have the option to use **Tunnel With Local Proxy**, that forwards traffic that follows the proxy settings into the tunnel (mainly HTTP and HTTPS);
- Tunnel 2.0 provides more advanced tunneling options, including the use of DTLS or TLS tunnels (although v2.1 of the App is required for this);
- Or the App can be configured simply to enforce a specified **Proxy configuration**.

Slide 16 - Zscaler App – Internet Access Capabilities

Zscaler App – Internet Access Capabilities

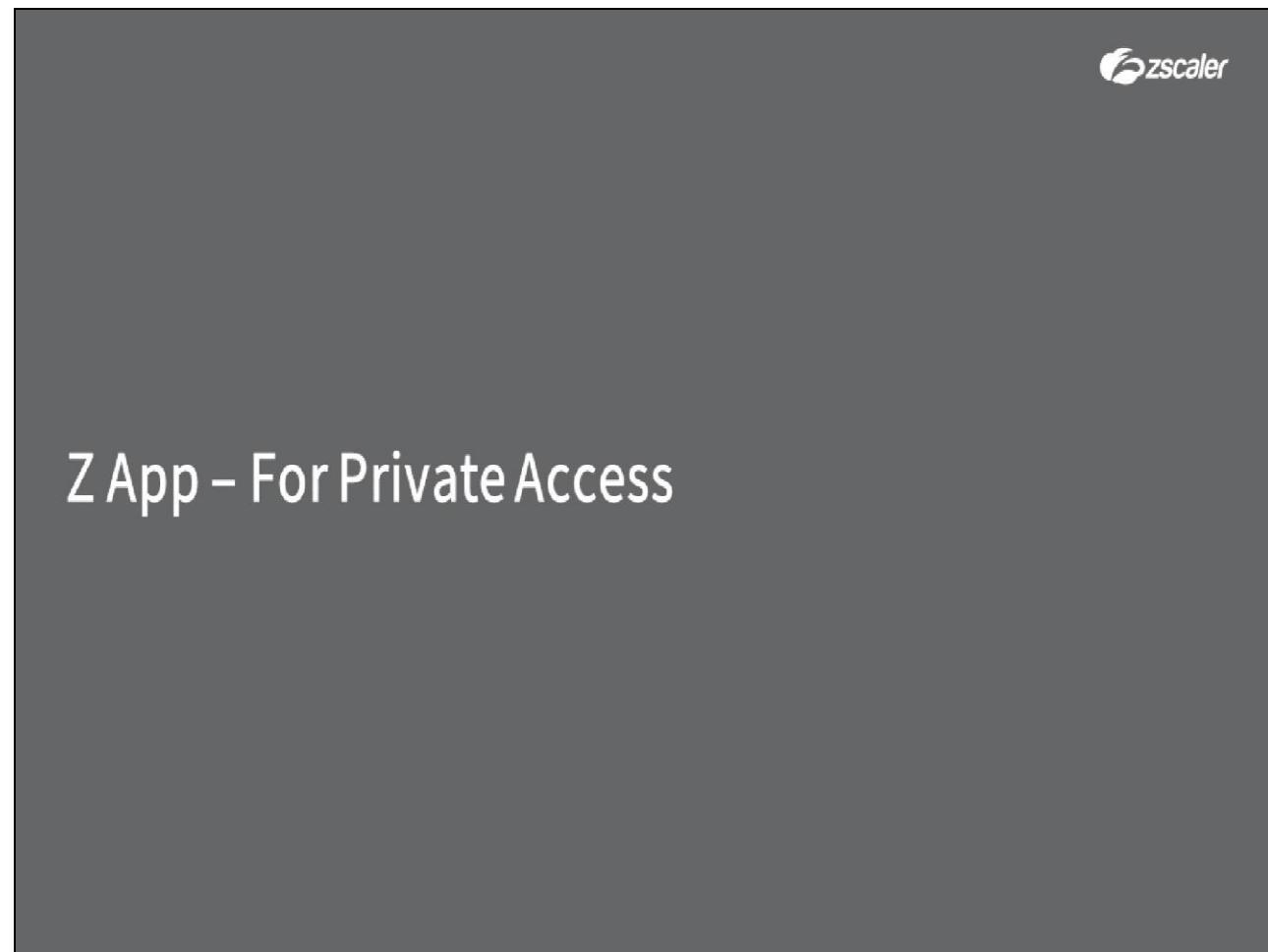
- Configurable forwarding options:
 - Tunnel 1.0: Lightweight HTTP CONNECT tunnels
 - Route or Packet Filter mode on Windows
 - Tunnel With Local Proxy option
 - Tunnel 2.0: DTLS or TLS (Z App >2.x)
 - Enforce Proxy: Apply/refresh PAC file
- Other options:
 - Silent enrollment options
 - Enforcement before enrollment
 - Trusted network configuration options
 - Custom PAC file options
 - Multiple connect option
 - Co-existence with VPN Clients

Slide notes

Other configuration options include:

- There are a number of options to allow a silent enrollment into the App;
- The **Strict Enforcement** install option, which allows you to block access to the Internet before the user enrolls into the app;
- The App can be configured to recognize multiple ‘trusted’ networks based on a variety of criteria and adapt its forwarding behavior based on the network it is connected to;
- You have the option to specify a custom App configuration PAC file to identify one or more ZENs to forward traffic to, or to specify destinations to be bypassed by the app;
- The **App Profile** PAC file can be configured to selectively forward traffic to different data centers, based on the domain of the requested destination (the Multi Connect feature);
- Plus, the App can co-exist with popular VPN software on the client device, to allow either full or split-tunnel VPN configurations.

Slide 17 - Z App – For ZPA



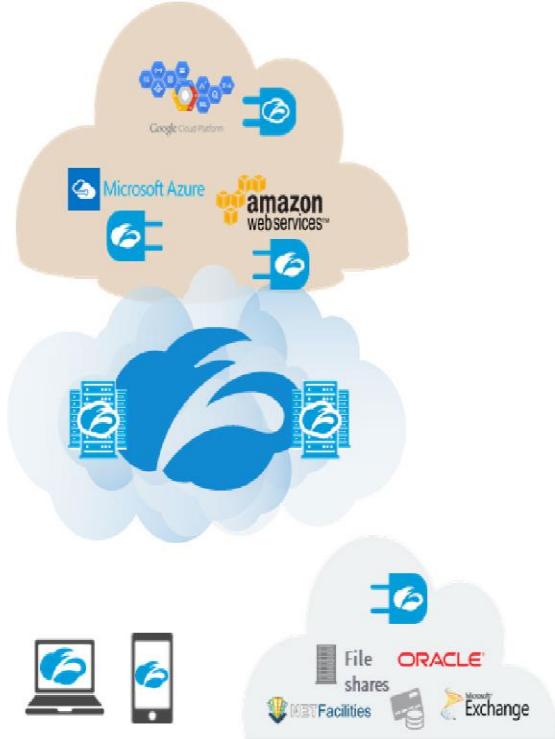
Slide notes

The next topic that we will cover is a look at the Zscaler App used for accessing private applications with the ZPA service.

Slide 18 - Zscaler App – Private Access Capabilities

Zscaler App – Private Access Capabilities

- Secure access to private applications
 - Hosted in an on-premise data center
 - Hosted in a public or private cloud



Slide notes

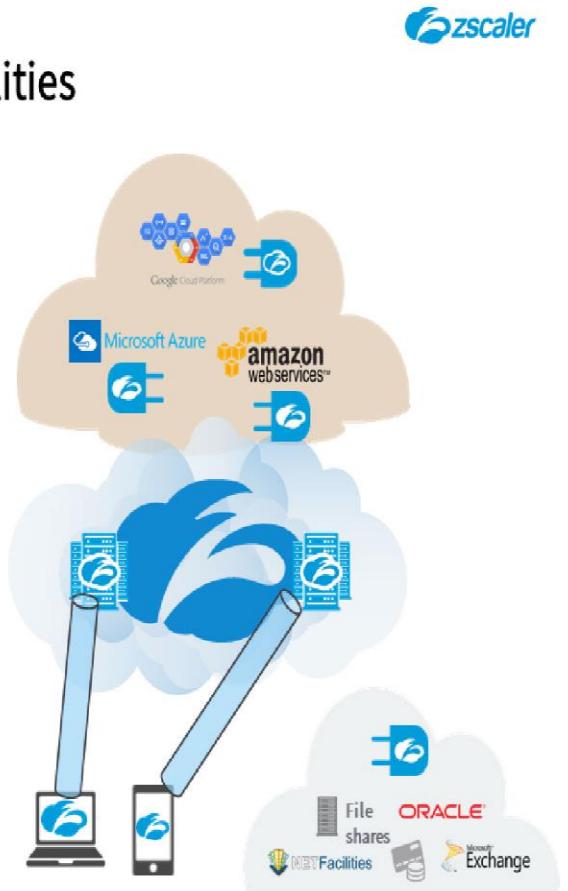
With the Zscaler App installed you can enable secure connectivity to private applications wherever they may be hosted:

- In your own Data Centers;
- Or in a public or private cloud environment.

Slide 19 - Zscaler App – Private Access Capabilities

Zscaler App – Private Access Capabilities

- Secure access to private applications
 - Hosted in an on-premise data center
 - Hosted in a public or private cloud
- Binary forwarding options: Tunnel, None
 - Encrypted Z Tunnel origin for ZPA access



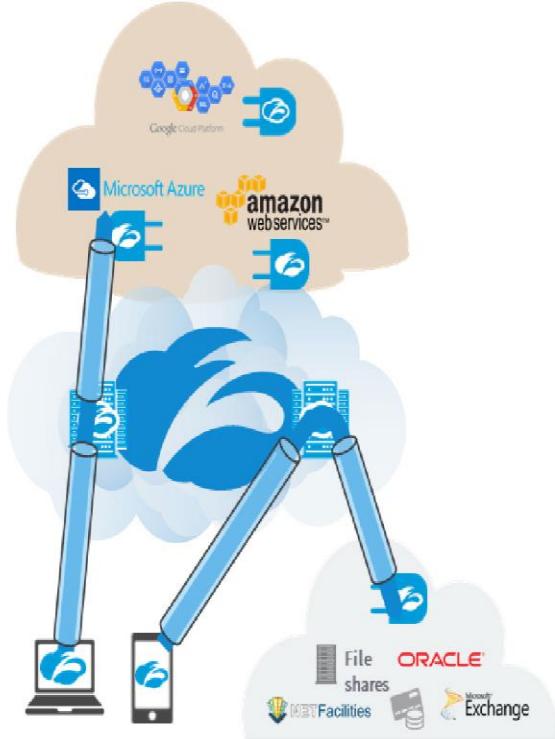
Slide notes

With ZPA the only real forwarding choice you have is whether or not to tunnel. When tunneling is enabled, the App will be the origin point for the encrypted **Z Tunnels** to the ZPA infrastructure.

Slide 20 - Zscaler App – Private Access Capabilities

Zscaler App – Private Access Capabilities

- Secure access to private applications
 - Hosted in an on-premise data center
 - Hosted in a public or private cloud
- Binary forwarding options: Tunnel, None
 - Encrypted Z Tunnel origin for ZPA access
- Outbound Microtunnel to App Connector



Slide notes

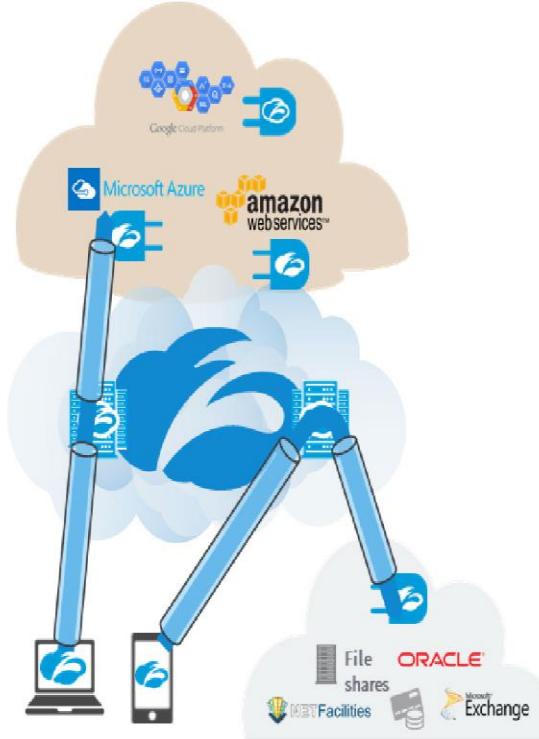
Once the nominated App Connector has put its **Z Tunnel** in place, the App establishes an end-to-end **Microtunnel** to the Connector. This gives the end user a per-application, encrypted, end-to-end data path to the private application that they requested.

Note that, for Windows platforms you also have the choice between a route-based driver and the **Packet Filter Based** driver, although as before the latter driver is recommended.

Slide 21 - Zscaler App – Private Access Capabilities

Zscaler App – Private Access Capabilities

- Secure access to private applications
 - Hosted in an on-premise data center
 - Hosted in a public or private cloud
- Binary forwarding options: Tunnel, None
 - Encrypted Z Tunnel origin for ZPA access
- Outbound Microtunnel to App Connector
- Configuration options:
 - Periodic per-application re-authentication
 - Trusted network configuration
 - Device posture control
 - Selective ZPA service entitlement



Slide notes

Other configuration options include:

- Periodic re-authentication into the ZPA service is required and is configurable on a per-application basis where necessary;
- The option to selectively assign ZPA functionality to your users, based on their group memberships;
- The specification of ‘trusted’ networks (as for the ZIA service) and subsequently the ability to construct a Client Forwarding Policy based on the client’s connection;
- And posture rules, that can be used to ensure application access only from compliant devices.

Slide 22 - Z App – Platforms and Requirements



Z App – Platforms and Requirements

Slide notes

The next topic that we will cover is a look at the platforms supported and requirements for installing the Zscaler App.

Slide 23 - Host Platform Resources – PCs



Host Platform Resources – PCs

- Zscaler App on Windows and OS X has comparable resource utilization:
 - Windows versions supported: Windows 7 (until January 2021), 8, 8.1, or 10
 - Mac versions supported: Mac OS X 10.10 and later

Disk usage: ~200 MB

- Binary size (~25 MB)
- Logs size (<100 MB)
- Config files (<1 MB)
- Updater download binary size (~25 MB)

Slide notes

As a reminder, the Zscaler App is supported on **Windows 7, 8, 8.1 and 10**, although note that Windows 7 will only be supported until **January 2021**. On the Mac platform OS X **10.10** and later are supported.

The host resources required to install the Zscaler App are comparable for both Windows and the OSX platform: The approximate size on disk can reach **200MBs**.

Slide 24 - Host Platform Resources – PCs



Host Platform Resources – PCs

- Zscaler App on Windows and OS X has comparable resource utilization:
 - Windows versions supported: Windows 7, 8, 8.1, or 10
 - Mac versions supported: Mac OS X 10.10 and later

Disk usage: ~200 MB	Memory: ~150 MB
<ul style="list-style-type: none">• Binary size (~25 MB)• Logs size (<100 MB)• Config files (<1 MB)• Updater download binary size (~25 MB)	<ul style="list-style-type: none">• Tray footprint (<100 MB)• Service footprint (<3 MB)• Tunnel Footprint (5MB – 50 MB depending on load)

Slide notes

The Memory requirement can reach **150MB** depending on the tunneling load.

Slide 25 - Host Platform Resources – PCs



Host Platform Resources – PCs

- Zscaler App on Windows and OS X has comparable resource utilization:
 - Windows versions supported: Windows 7, 8, 8.1, or 10
 - Mac versions supported: Mac OS X 10.10 and later

Disk usage: ~200 MB	Memory: ~150 MB	Processor:
<ul style="list-style-type: none">• Binary size (~25 MB)• Logs size (<100 MB)• Config files (<1 MB)• Updater download binary size (~25 MB)	<ul style="list-style-type: none">• Tray footprint (<100 MB)• Service footprint (<3 MB)• Tunnel Footprint (5MB – 50 MB depending on load)	<ul style="list-style-type: none">• Any processor capable of running a supported operating system

Slide notes

Any processor capable of running the host OS, will have the capacity to run the Zscaler App as well.

Slide 26 - Host Platform Resources – Mobiles



Host Platform Resources – Mobiles

- Zscaler App on Mobile platforms:



Slide notes

Looking at requirements for the Mobile OS'es, for iOS:

- **iOS version 9.0 and later** is supported on **iPhones, iPads** and **iPod Touch's**, the app requires **20MB** of memory plus some space for logs.

Slide 27 - Host Platform Resources – Mobiles

Host Platform Resources – Mobiles

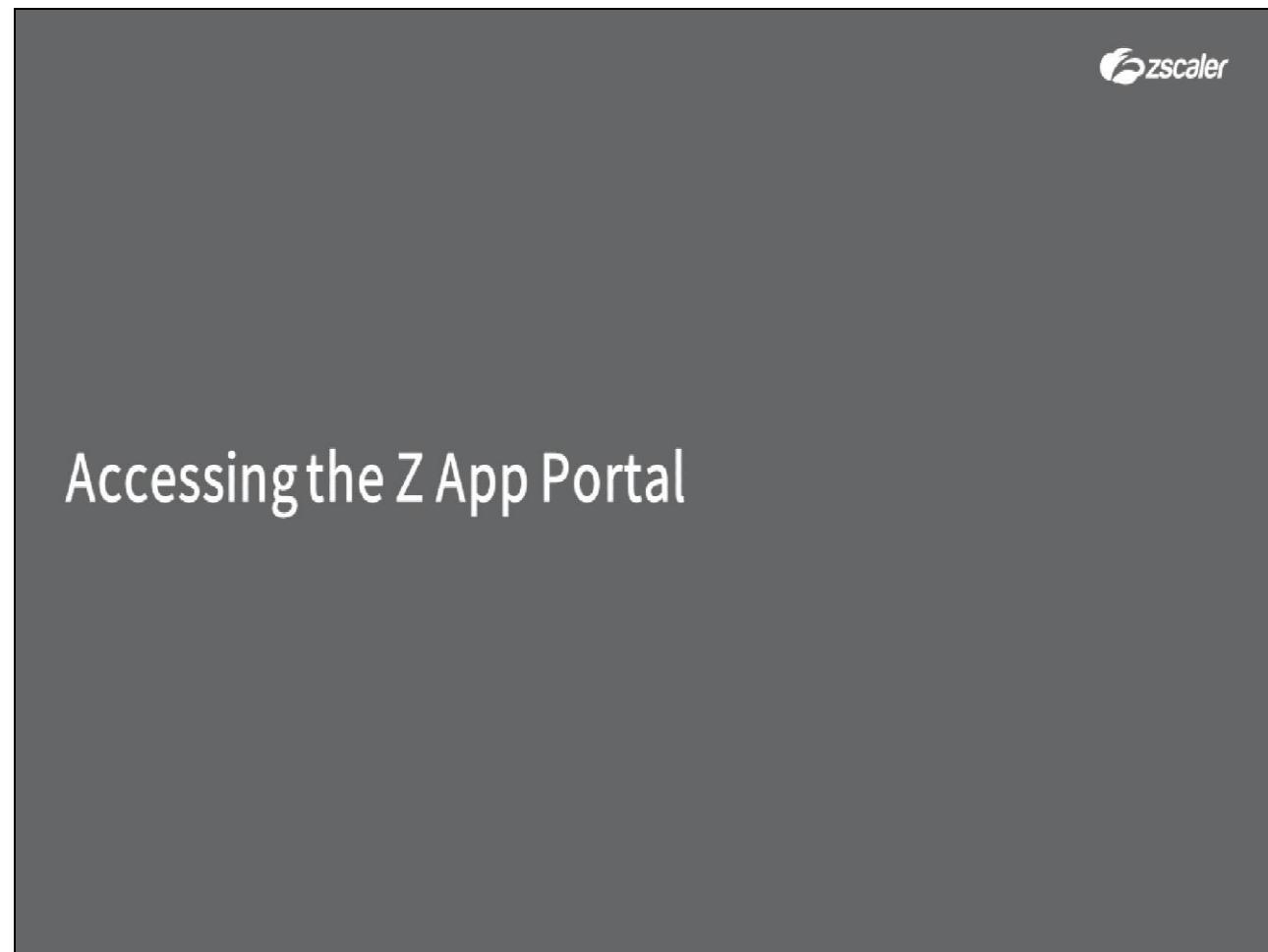
• Zscaler App on Mobile platforms:

 iOS	 Android
<ul style="list-style-type: none">• OS: iOS 9.0 and later• Platforms: iPhone, iPad, iPod Touch• Memory: 20MB plus space for logs	<ul style="list-style-type: none">• OS: Android 5.0 and later• Memory: 21MB plus space for logs

Slide notes

- For Android: **Version 5.0** and later of Android is supported and **21MB** of memory are required, once again with some additional space for logs.

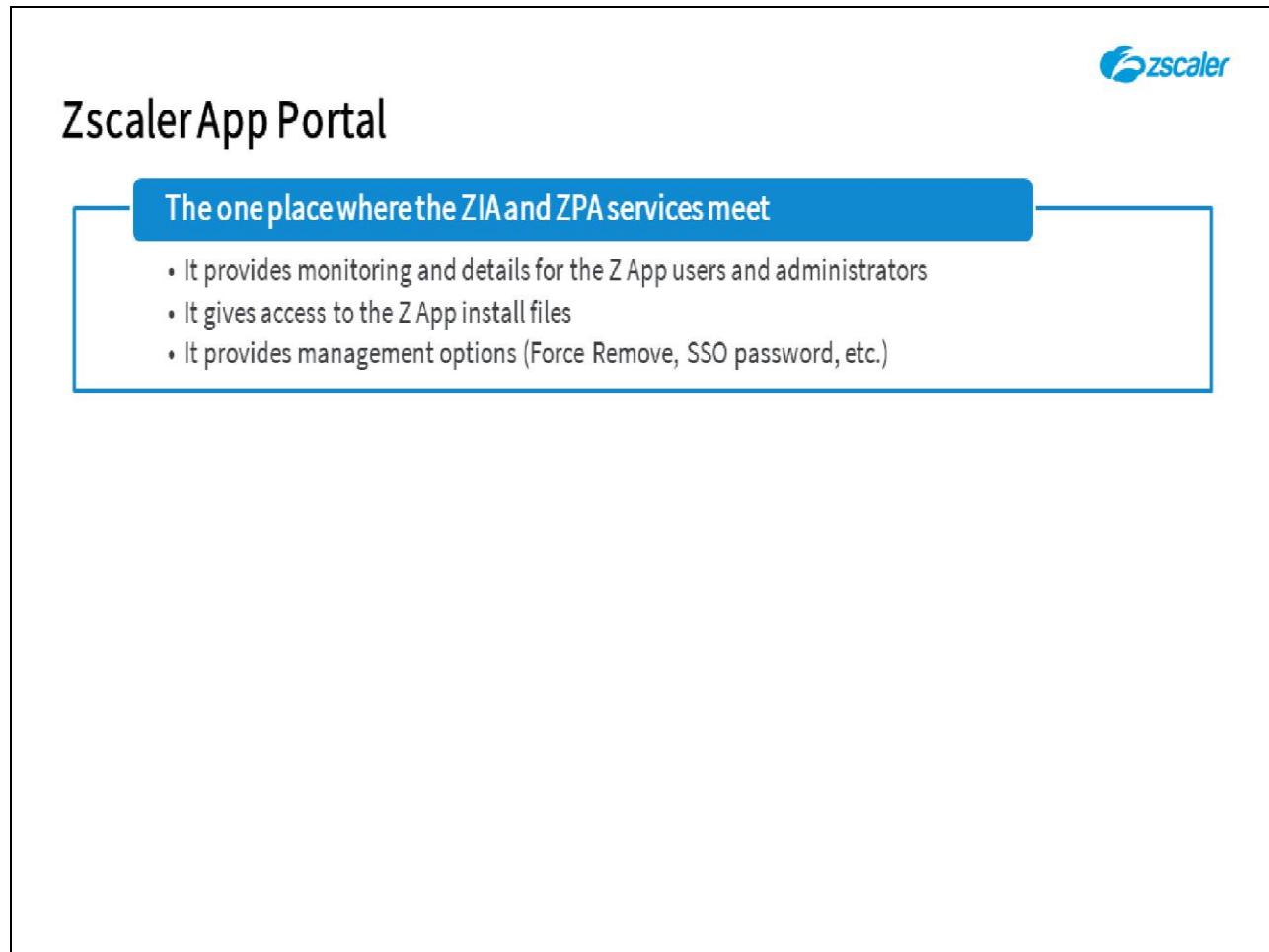
Slide 28 - Z App Portal Overview

**Slide notes**

The next topic that we will cover is how to access the Zscaler App Portal for the configuration and administration of your Z App users.

This section has been created as an interactive demo to give you a feel for the navigation of the Zscaler Admin Portals. You will be asked to select the appropriate menu options to navigate the UI. You may also use the Play control to proceed to the next step.

Slide 29 - Zscaler App Portal



The slide content is contained within a large rectangular frame. In the top right corner of the frame is the Zscaler logo, which consists of a blue stylized 'z' icon followed by the word 'zscaler' in a lowercase sans-serif font. Below the logo, the title 'Zscaler App Portal' is displayed in a large, bold, black font. Underneath the title is a blue callout box containing the text 'The one place where the ZIA and ZPA services meet'. Below this callout box is a bulleted list of three items, each preceded by a small blue square bullet point:

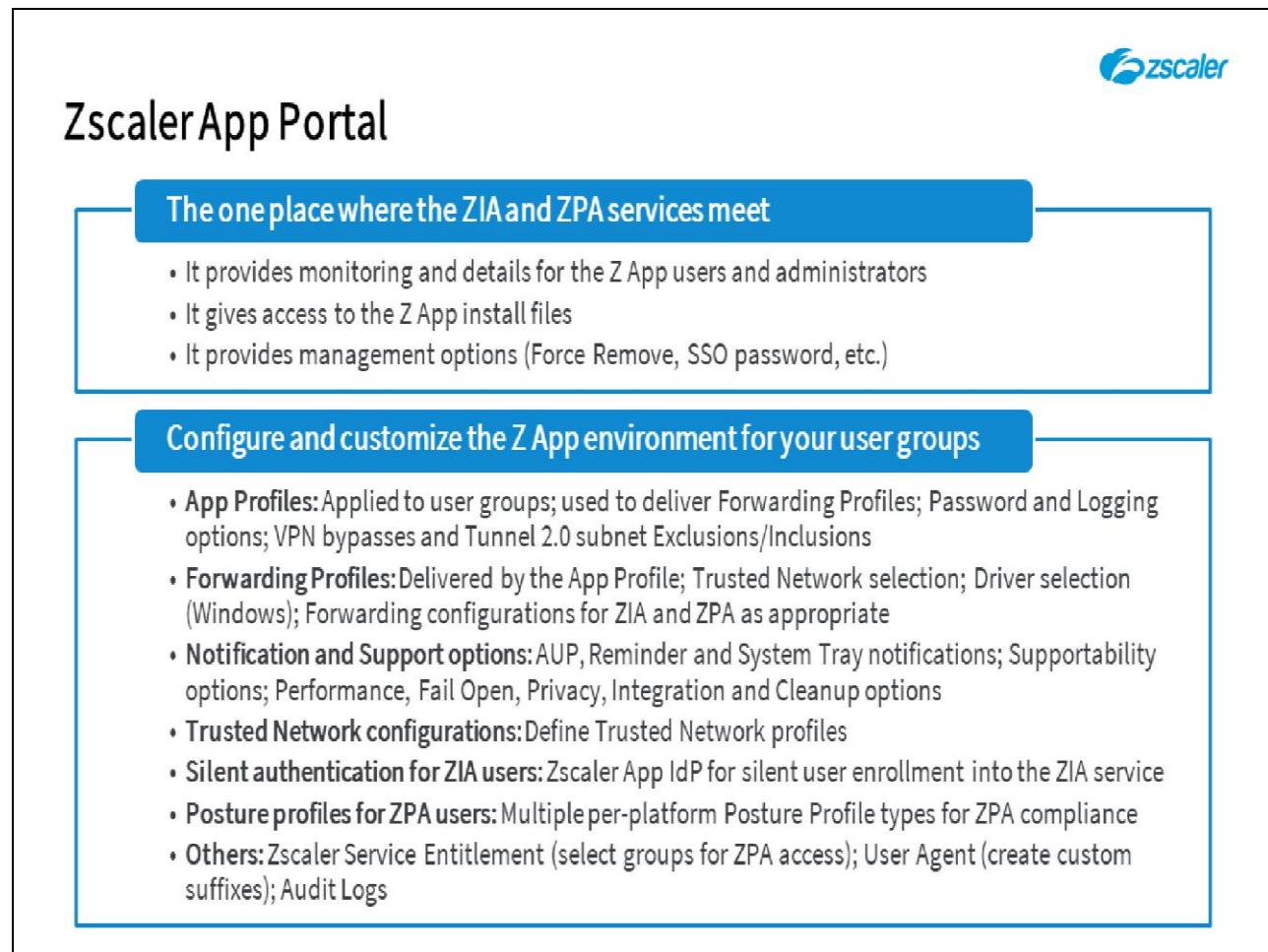
- It provides monitoring and details for the Z App users and administrators
- It gives access to the Z App install files
- It provides management options (Force Remove, SSO password, etc.)

Slide notes

The Zscaler App Portal is the one place where the ZIA and ZPA services connect. If you subscribe to both services, then you will go to the same Zscaler App Portal to configure the environment for both your ZIA and ZPA users.

This Portal provides a Zscaler App **Dashboard** for monitoring which gives you full details for the Z App SW installed on your end user's devices. It also gives you an Audit Log to track which administrator changed what, and when. The Zscaler App Portal gives you access to the Z App install files for PCs, plus it provides management options for the enrolled users (e.g. the **Force Remove** option, admin SSO password, etc.).

Slide 30 - Zscaler App Portal



The slide features a blue header bar with the Zscaler logo at the top right. Below the header, the title "Zscaler App Portal" is displayed in a large, bold, black font. A blue callout box contains the text "The one place where the ZIA and ZPA services meet". Another blue callout box contains the text "Configure and customize the Z App environment for your user groups". The main content area contains two bulleted lists. The first list under the first callout box includes: "It provides monitoring and details for the Z App users and administrators", "It gives access to the Z App install files", and "It provides management options (Force Remove, SSO password, etc.)". The second list under the second callout box includes: "App Profiles: Applied to user groups; used to deliver Forwarding Profiles; Password and Logging options; VPN bypasses and Tunnel 2.0 subnet Exclusions/Inclusions", "Forwarding Profiles: Delivered by the App Profile; Trusted Network selection; Driver selection (Windows); Forwarding configurations for ZIA and ZPA as appropriate", "Notification and Support options: AUP, Reminder and System Tray notifications; Supportability options; Performance, Fail Open, Privacy, Integration and Cleanup options", "Trusted Network configurations: Define Trusted Network profiles", "Silent authentication for ZIA users: Zscaler App IdP for silent user enrollment into the ZIA service", "Posture profiles for ZPA users: Multiple per-platform Posture Profile types for ZPA compliance", and "Others: Zscaler Service Entitlement (select groups for ZPA access); User Agent (create custom suffixes); Audit Logs".

Slide notes

Here is a list of the configuration options available within the Zscaler App Portal, we will navigate to most of these in the next section, so you know where to find them. Full details for configuring most of these settings are available in the appropriate **ZCCP-IA** and **ZCCA-PA** certification modules.

Using these settings, you can customize the Z App environment for different user groups, or on a per-platform basis:

- **App Profiles** - these are the vehicle for assigning some of the settings to your user groups, and they must be assigned to an appropriate group. One of the most important functions of this profile is to deliver the appropriate **Forwarding Profile** to the user group. They also contain **Logout** and **Disable** password settings and **Logging** options. The **App Profile** is where you can set **Global VPN Bypasses** and **Tunnel 2.0 Subnet Exclusions/Inclusions**.
- **Forwarding Profiles** - can only be delivered to the App by assigning them to an appropriate **App Profile**. They contain:
 - Configurations for identifying **Trusted Networks**;
 - The **Driver** selection for Windows devices (**Route Based** or **Packet Filter Based**);
 - And the forwarding configurations for ZIA and ZPA as appropriate.

- **Notification** and **Support** options include:
 - **AUP, Reminder** and **System Tray** notifications;
 - **Supportability** options;
 - **Performance, Fail Open, Privacy, Integration** and **Cleanup** options.
- The **Trusted Network** configuration allows you to define trusted network profiles for both ZIA and ZPA users.
- There is a silent authentication option for ZIA users, using the **Zscaler App IdP** for silent user enrollment into the ZIA service.
- **Posture Profiles** are available for ZPA users, which allows the definition of multiple per-platform posture profile types for ZPA compliance verification.
- Plus, there is a Zscaler **Service Entitlement** option (for selecting the groups to receive ZPA access);
- As well as a **User Agent** customization option;
- And an **Audit Log**.

Slide 31 - Slide 31

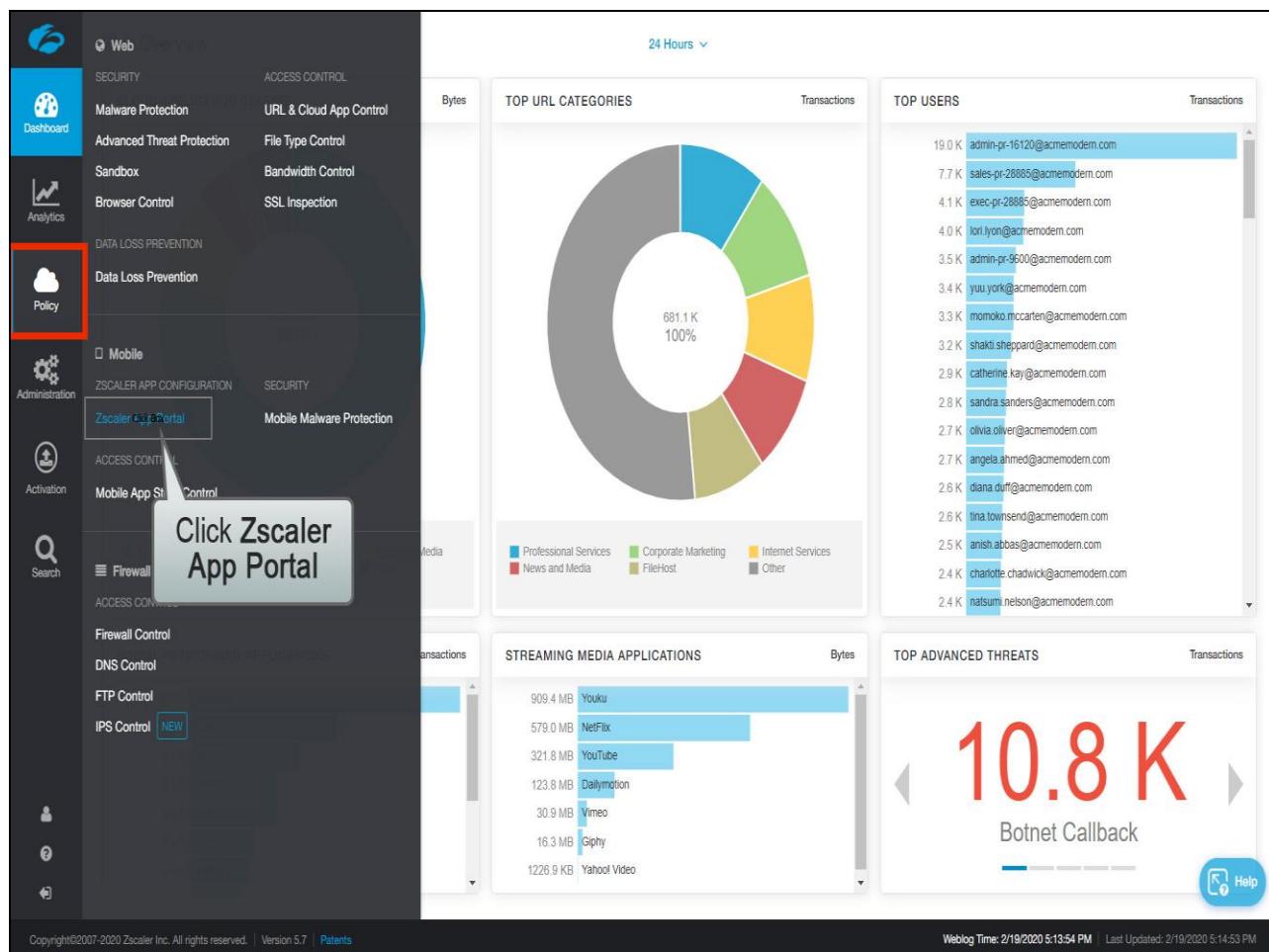


Slide notes

Depending on your subscriptions, you can access the Zscaler App Portal from either the Zscaler Internet Access Admin Portal, or from the ZPA Admin Portal.

To access the Zscaler App Portal from the ZIA Admin Portal, click **Policy**, ...

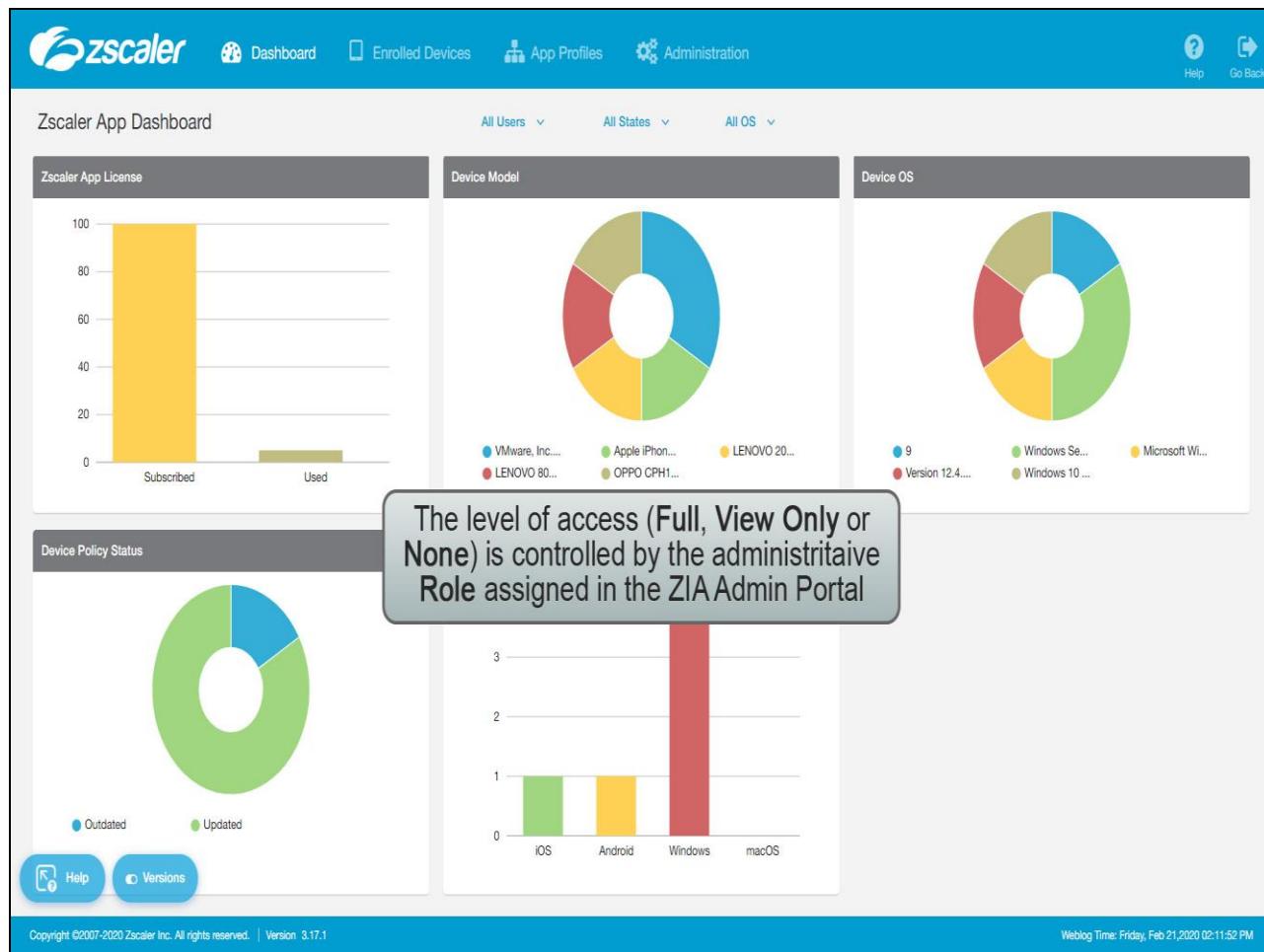
Slide 32 - Slide 32



Slide notes

...then click Zscaler App Portal.

Slide 33 - Slide 33



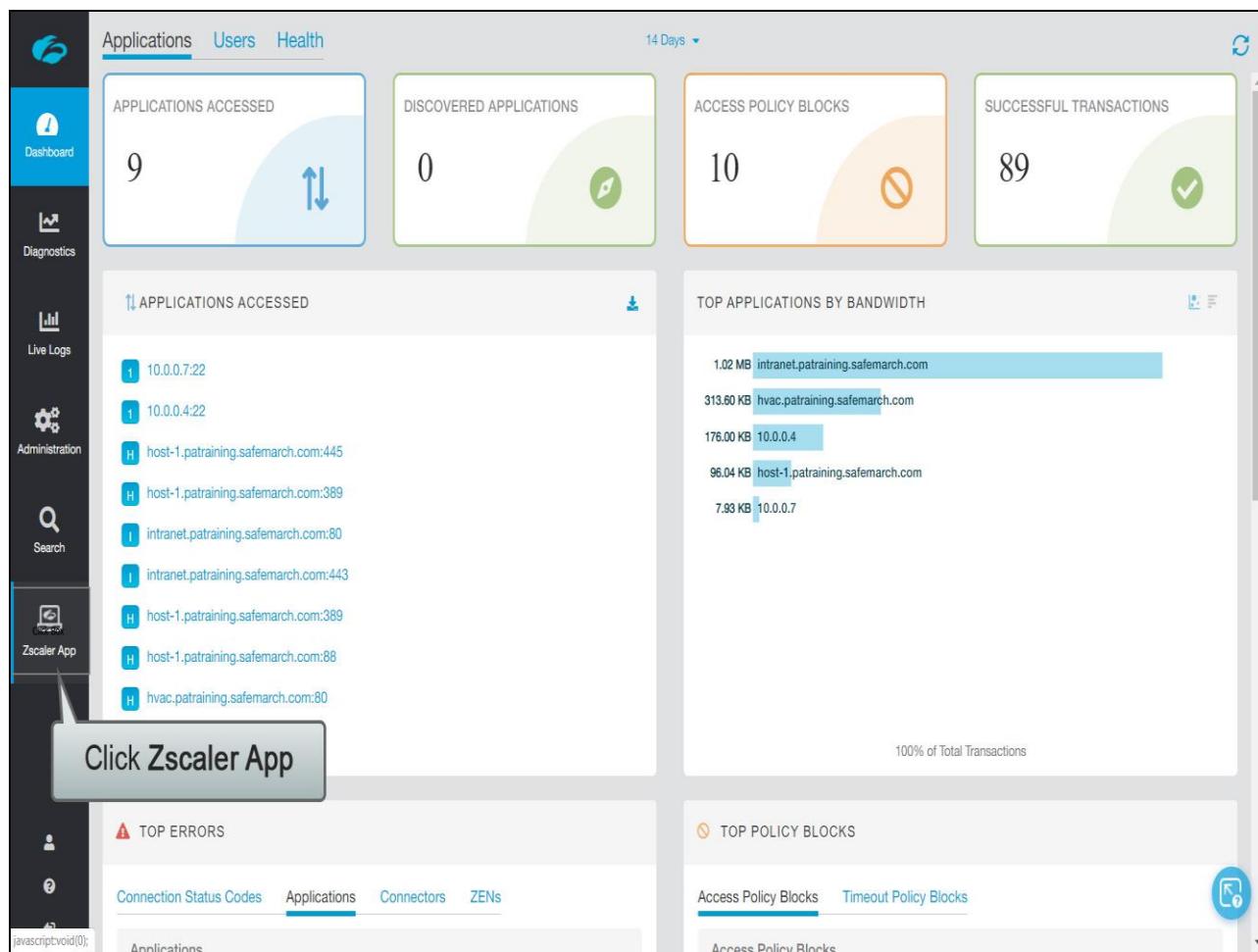
Slide notes

The Z App Portal home page (the **Zscaler App Dashboard**) will be displayed.

Note that the level of access you have in this Portal is controlled by the administrative **Role** that you have been assigned in the Zscaler Admin Portal. You may have **Full** access with the ability to change any and all settings in here, or just **View Only** access.

There is also a **None** option, but then you would not even be able to load this page!

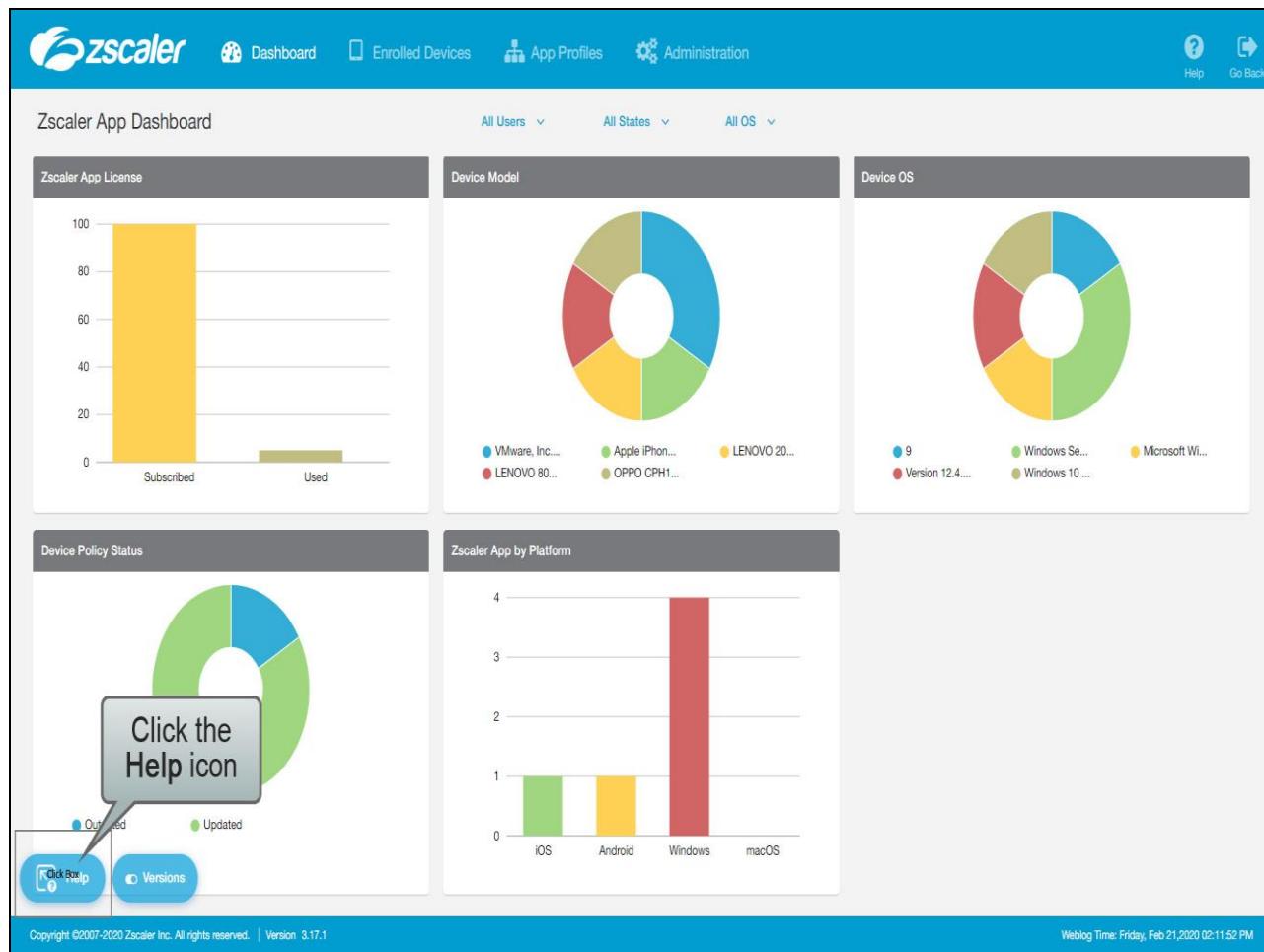
Slide 34 - Slide 34



Slide notes

If you have a ZPA subscription, you can also access the Zscaler App Portal from the ZPA Admin Portal, just click the **Zscaler App** icon, ...

Slide 35 - Slide 35

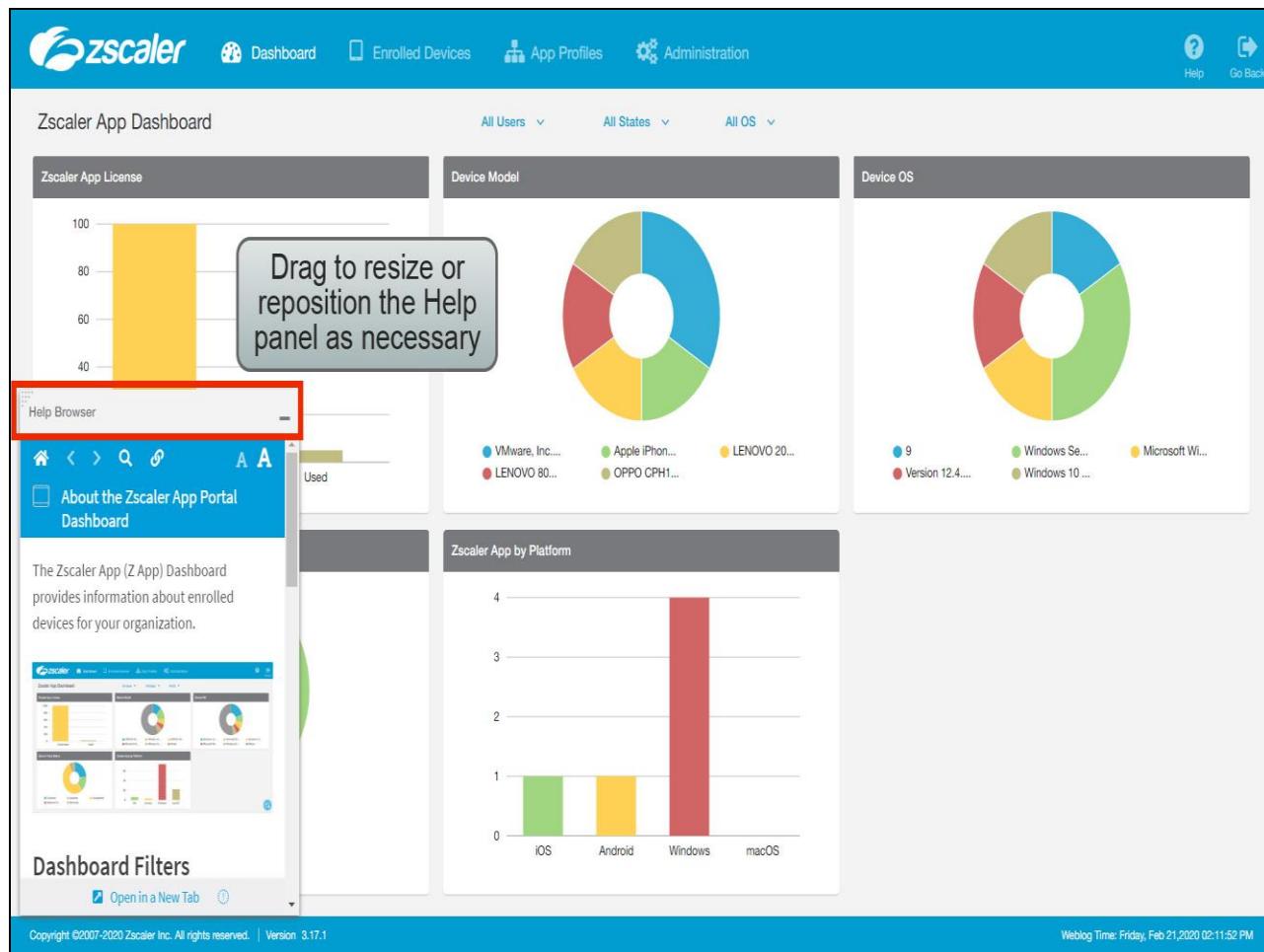


Slide notes

...to be taken to the Zscaler App Portal **Dashboard** page. Note, if you have both a ZIA and ZPA subscription tied to the same domain/tenant, then this will be the exact same Portal that you access from the Internet Access Admin Portal.

While we are here, to view in-line help for this Portal, click on the in-line **Help** icon, ...

Slide 36 - Slide 36



Slide notes

...and the **Help** panel will open and display help topics for the current page. The contents of this panel will update automatically as you navigate to other pages within the Portal. You can drag the top corners to resize the panel as necessary or click and hold the top bar of the panel to reposition it on the screen.

Slide 37 - Slide 37

The screenshot shows the Zscaler App Dashboard interface. On the left, there are two main sections: 'Zscaler App License' (a bar chart showing 100% Subscribed) and 'Device Policy Status' (a donut chart showing 80% Updated and 20% Outdated). In the center, there's a 'Help Browser' window titled 'About the Zscaler App Portal Dashboard'. It contains a message about the dashboard and several small charts. A callout box with the text 'Click to minimize the Help panel' points to a dashed circle icon at the top right of the help window. The top navigation bar includes links for Dashboard, Enrolled Devices, App Profiles, Administration, Help, and Go Back.

Slide notes

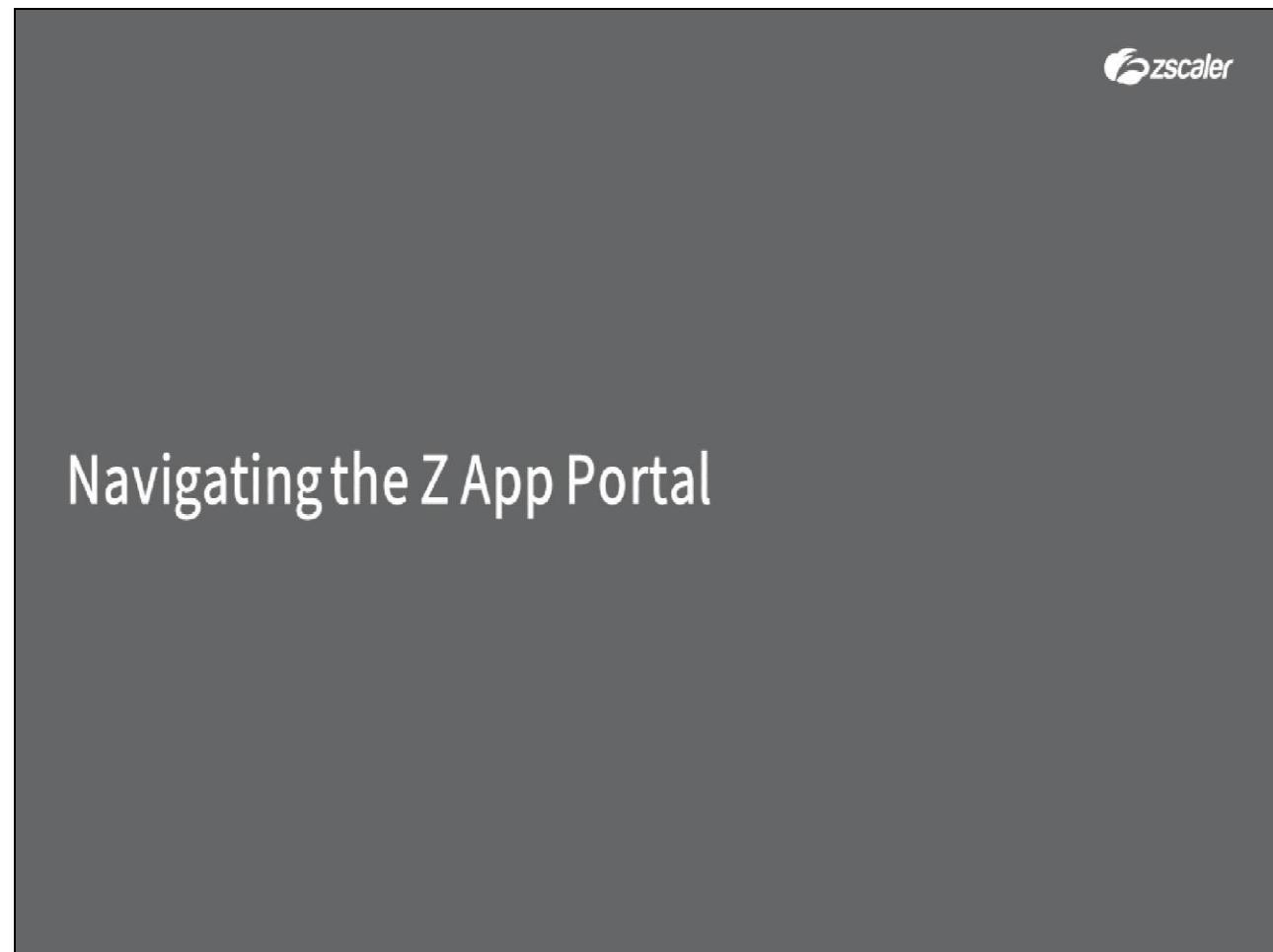
Click the dash at top right to minimize the Help panel.

Slide 38 - Slide 38



Slide notes

Slide 39 - Navigating the Z App Portal

**Slide notes**

The final topic that we will cover is a look at navigating the Zscaler App Portal.

This section has been created as an interactive demo to give you a feel for the navigation of the Zscaler Admin Portals. You will be asked to select the appropriate menu options to navigate the UI. You may also use the Play control to proceed to the next step.

Slide 40 - Slide 40



Slide notes

We'll start by having a look at the **Dashboard** page. This contains a real-time overview of your Zscaler App enrollments, with widgets to show:

- The number of **Zscaler App Licenses** (**Subscribed** vs. **Used**);
- Devices enrolled, indicated by **Model**, **OS** and **Policy Status**;
- And an indication of the numbers of **Zscaler App by Platform**.

Filters are available at the top to restrict the view, for example click the **All Users** link, ...

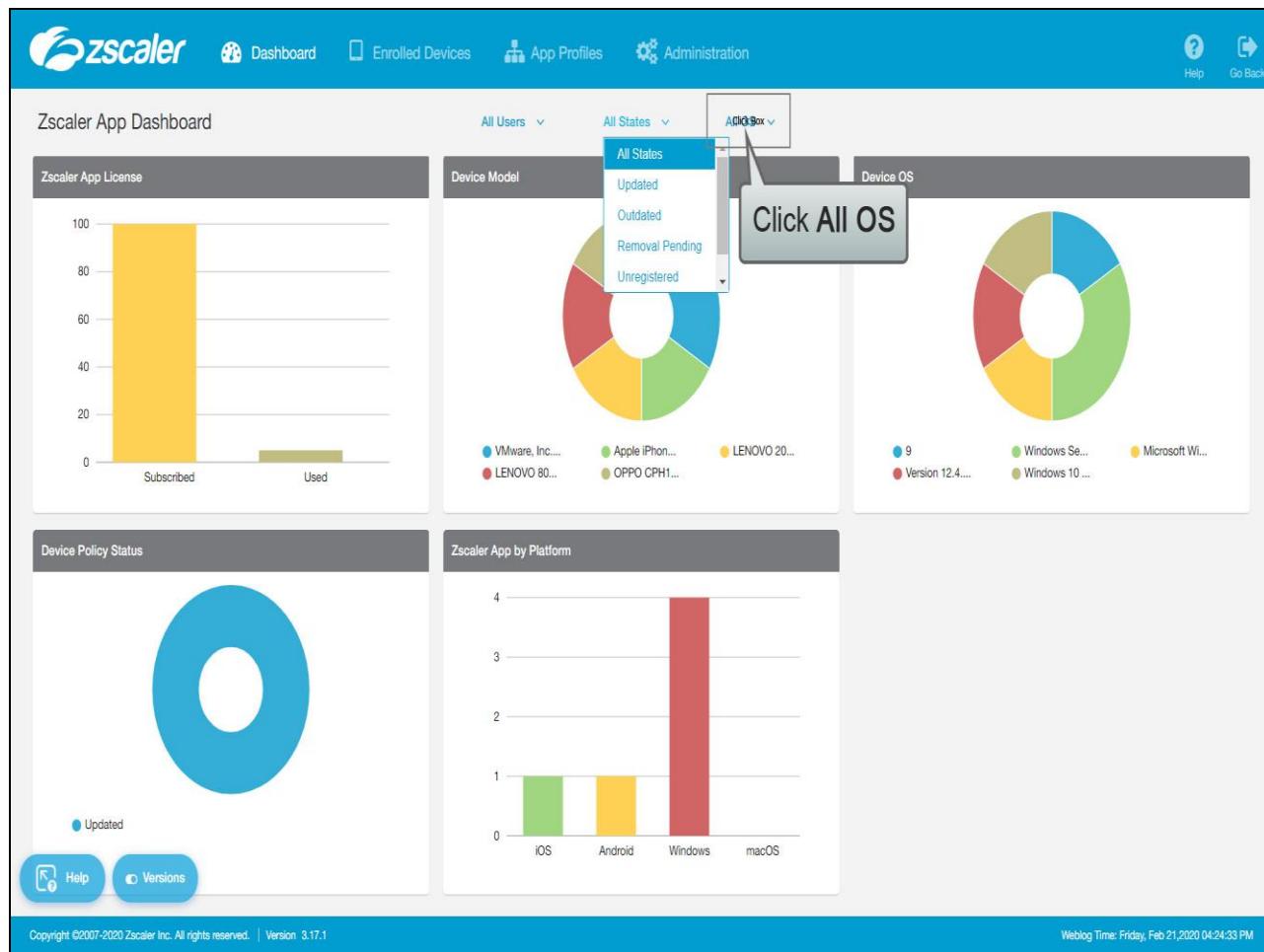
Slide 41 - Slide 41



Slide notes

...to update the **Dashboard** to show data for a selected user. Click **All States**, ...

Slide 42 - Slide 42



Slide notes

...to update the **Dashboard** to show only those devices in a selected status (**Updated, Outdated, Removal Pending, Unregistered, Removed**). Click **All OS**, ...

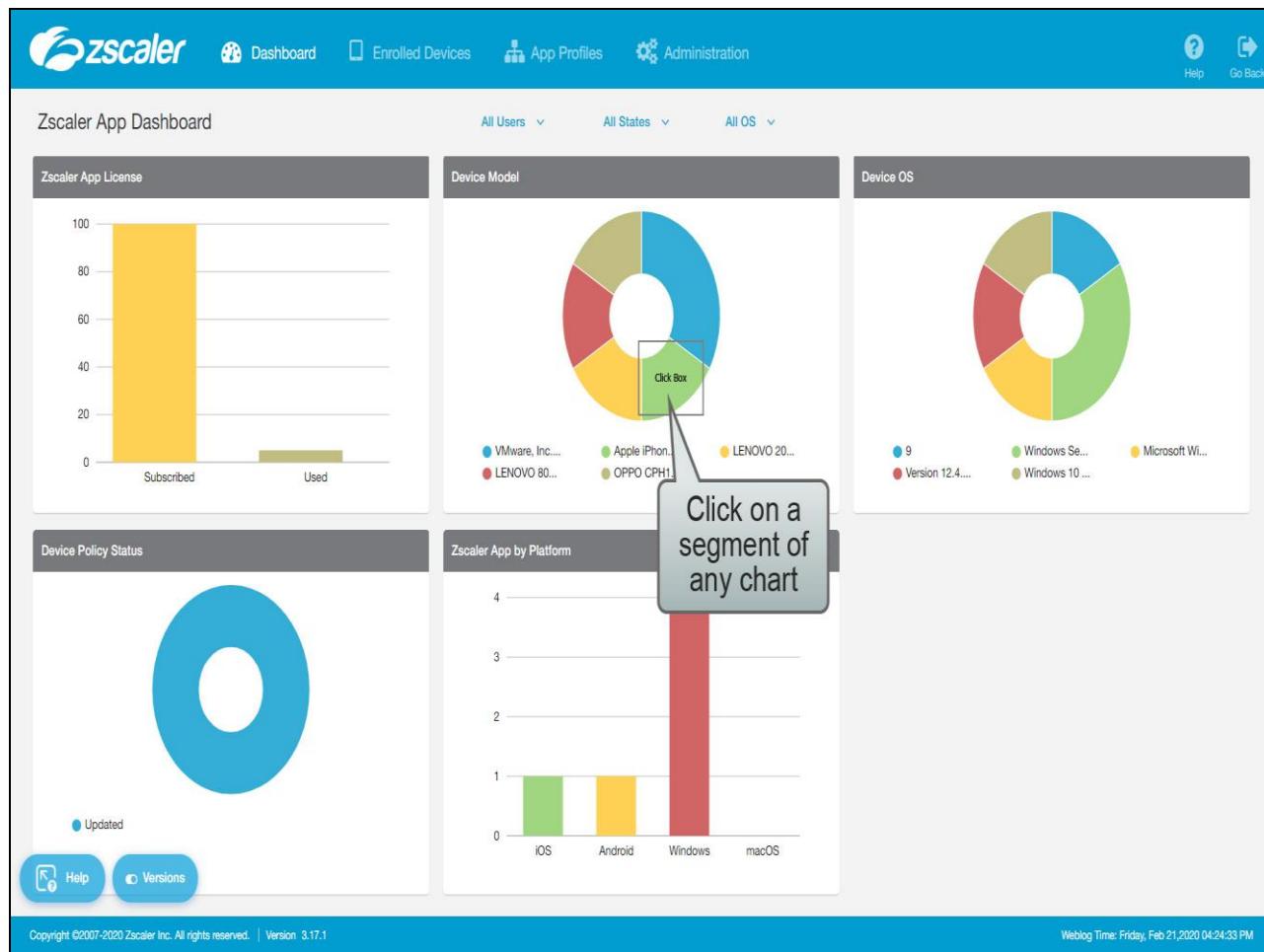
Slide 43 - Slide 43



Slide notes

...to update the **Dashboard** to show data for the selected OS.

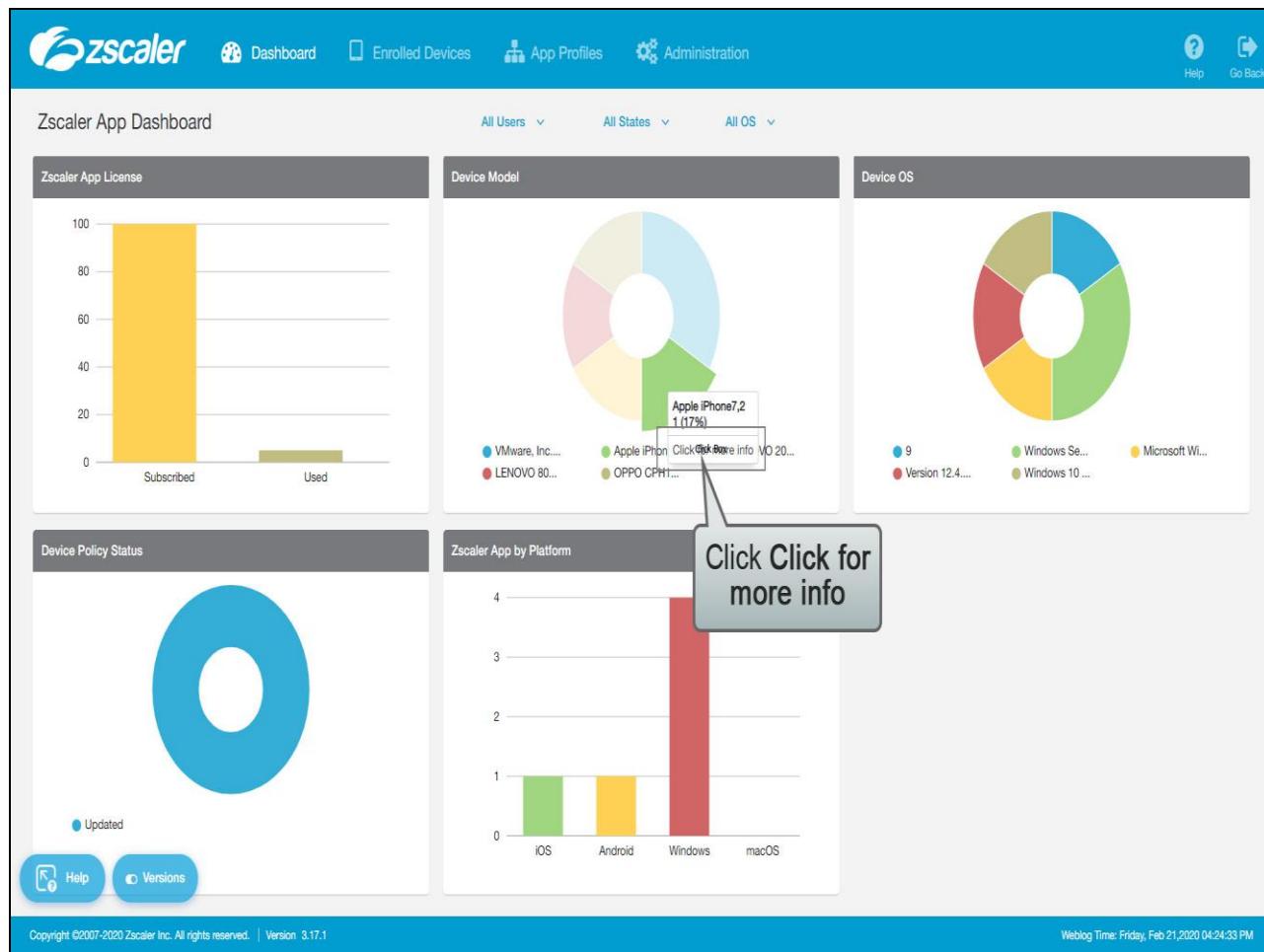
Slide 44 - Slide 44



Slide notes

To drill down and view details for a specific set of users, you can click any segment on any of the charts in the Dashboard.

Slide 45 - Slide 45



Slide notes

To open the **Enrolled Devices** list filtered by association with that chart segment, click the **Click for more info** link, ...

Slide 46 - Slide 46



Slide notes

...then click **Show Devices**.

Slide 47 - Slide 47

The screenshot shows the Zscaler interface with the 'Enrolled Devices' tab highlighted by a red box. A callout bubble says 'Access the unfiltered Enrolled Devices list'. The main table has columns for #, User ID, Device Model, Z App Version, and Policy Status. One row is shown: #1, admin@zstrain.safemarch.com, iOS, Apple iPhone7,2, 1.6.0 (60), Outdated. Buttons for Help and Versions are at the bottom left, and a status bar at the bottom right shows 'Waiting for geolocation.onetrust.com...' and 'Weblog Time: Friday, Feb 21, 2020 04:24:33 PM'.

#	User ID	Device Model	Z App Version	Policy Status
1	admin@zstrain.safemarch.com	iOS	Apple iPhone7,2	1.6.0 (60) Outdated

Slide notes

You will be taken to the **Enrolled Devices** page, with the view filtered depending on the chart segment that you used. You can of course access the full, unfiltered list using the **Enrolled Devices** link at the top of the page.

Slide 48 - Slide 48

The screenshot shows the Zscaler Device Overview page. At the top, there are three dropdown menus: 'All Users' (with a red box around it), 'States' (with a red box around it), and 'All OS' (with a red box around it). A large callout box with a dark gray background and white text says 'Filter the list by Users, States, or OS'. Below the filters is a table with the following data:

#	User ID	OS Type	Z App Version	Policy Status	
1	admin@zstrain.safemarch.com	iOS	1.6.0 (60)	Outdated	
2	student@zstrain.safemarch.com	Android	1.5.2.23	Outdated	
3	user1@zstrain.safemarch.com	Windows	LENOVO 80NT	1.5.1.8	Outdated
4	student@zstrain.safemarch.com	Windows	LENOVO 20L8S7WC08	2.1.0.210	Outdated
5	user2@zstrain.safemarch.com	Windows	VMware, Inc. VMware Virtual Platform	1.5.2.5	Outdated
6	user3@zstrain.safemarch.com	Windows	VMware, Inc. VMware Virtual Platform	1.5.2.7	Outdated

At the bottom left, there are 'Help' and 'Versions' buttons. At the bottom right, it says 'Weblog Time: Friday, Feb 21, 2020 04:24:33 PM'.

Slide notes

You have the same filter options on this page as on the **Dashboard** page; by **User**, by **State**, and by **OS**.

Slide 49 - Slide 49

The screenshot shows the Zscaler Device Overview page. At the top, there are navigation links: Dashboard, Enrolled Devices, App Profiles, Administration, Help, and Go Back. Below the header, there are filters for All Users, States, and All OS, along with Export and Remove Checked Devices buttons. A sidebar on the left shows a tree view under Devices, with 'Device Overview' selected. The main content area displays a table of device details:

#	User ID	OS Type	Device Model	Z App Version	Policy Status
1	admin@zstrain.safemarch.com	iOS	Apple iPhone7,2	1.6.0 (60)	
2	student@zstrain.safemarch.com	Android	OPPO CPH1969	1.5.2.23	
3	user1@zstrain.safemarch.com	Windows	LENOVO 80NT	1.5.1.8	
4	student@zstrain.safemarch.com	Windows	LENOVO 20L8S7WC08	2.1.0.210	Outdated
5	user2@zstrain.safemarch.com	Windows	VMware, Inc. VMware Virtual Platform	1.5.2.5	Outdated
6	user3@zstrain.safemarch.com	Windows	VMware, Inc. VMware Virtual Platform	1.5.2.7	Outdated

A callout box with a red border and a checkmark icon is overlaid on the right side of the table, containing the text: "Select all devices in the list, or a subset". On the far right of the table, there are icons for each row: a blue square with a white checkmark, a blue square with a white minus sign, a blue square with a white plus sign, a blue square with a white double arrow, and a blue square with a white document icon.

At the bottom of the page, there are 'Help' and 'Versions' buttons, and copyright information: Copyright ©2007-2020 Zscaler Inc. All rights reserved. | Version: 3.17.1. The page also includes a timestamp: Weblog Time: Friday, Feb 21, 2020 04:24:33 PM.

Slide notes

You may select all the entries on this page, or a subset of them, ...

Slide 50 - Slide 50

Management options become available: Export; Remove Checked Devices

Click on the Device Details icon

#	User ID	OS Type	Device Model			
1	admin@zstrain.safemarch.com	iOS	Apple iPhone7,2			<input checked="" type="checkbox"/>
2	student@zstrain.safemarch.com	Android	OPPO CPH1969			<input checked="" type="checkbox"/>
3	user1@zstrain.safemarch.com	Windows	LENOVO 80NT	1.5.1.8	Outdated	<input checked="" type="checkbox"/>
4	student@zstrain.safemarch.com	Windows	LENOVO 20LBS7WC08	2.1.0.210	Outdated	<input checked="" type="checkbox"/>
5	user2@zstrain.safemarch.com	Windows	VMware, Inc. VMware Virtual Platform	1.5.2		<input checked="" type="checkbox"/>
6	user3@zstrain.safemarch.com	Windows	VMware, Inc. VMware Virtual Platform	1.5.2		<input checked="" type="checkbox"/>

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Slide notes

...to enable a couple of management options:

- The **Export** tool exports the details for the selected devices to an Excel spreadsheet;
- The **Remove Checked Devices** option removes the devices as Zscaler App enrolled devices. Both the Internet Security and Private Access services will be disabled for the devices, the user would need to re-enroll to re-establish the services.

To view details for a device, click on the **Device Details** icon.

Slide 51 - Slide 51

The screenshot shows the 'Zscaler App Registered Device Details' page. The main content area is divided into three sections: 'REGISTRATION DETAILS', 'DEVICE DETAILS', and 'COMPLIANCE STATUS'. A large button labeled 'Scroll down...' is positioned in the center of the page.

REGISTRATION DETAILS

User ID	Policy Name
admin@zstrain.safemarch.com	Default
Device ID	Last Registration Time
83917	Fri Feb 21 2020 13:59:27 GMT+0700 (Indochina...
Last Unregistration Time	Zscaler App Version
Fri Feb 21 2020 13:58:41 GMT+0700 (Indochina...	1.6.0 (60)
Tunnel Version	---
---	---

DEVICE DETAILS

Owner	Machine Hostname
---	Disabled
Unique-ID	OS
0E3AEF68-054C-44BF-A7A0-0E920E0C737A	iOS Version 12.4.4 (Build 16G140)
Model	Manufacturer
iPhone7,2 (iPhone7,2)	Apple
Carrier	---
TRUE-H	---

COMPLIANCE STATUS

Force Remove Send Reminder

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Slide notes

Full details for the device will be shown. These details would all be included in that Export file.

Slide 52 - Slide 52

The screenshot shows the Zscaler App Registered Device Details page. The main content area displays device details and compliance status. A modal window titled "One time Logout, Disable, Uninstall Password" is overlaid on the page. This modal contains a password field with the value "mhseit9up" and a "Force Remove" button, both of which are highlighted with red boxes.

DEVICE DETAILS	
Owner	Machine Hostname
...	Disabled
Unique-ID	OS
0E3AEF68-054C-44BF-A7A0-0E920E0C737A	iOS Version 12.4.4 (Build 16G140)
Model	Manufacturer
iPhone7,2 (iPhone7,2)	Apple
Carrier	
TRUE-H	
COMPLIANCE STATUS	
Jailbroken/Rooted	Device State
NO	Outdated
Last Seen Connected to Zscaler	Last Seen with Zscaler App Active
Fri Feb 21 2020 13:59:27 GMT+0700 (Indochina...	Fri Feb 21 2020 15:45:08 GMT+0700 (Indoch...
Last Configuration Download Time	
Fri Feb 21 2020 13:59:27 GMT+0700 (Indochina...	

One time Logout, Disable, Uninstall Password
mhseit9up
Force Remove Send Reminder

Slide notes

These details include a one-time use, administrative password to log the user out, disable a service on Zscaler App (ZIA or ZPA), or uninstall it. Once used, a new password will be generated for this device. Plus, there is a **Force Remove** option, to remove the device immediately.

Slide 53 - Slide 53

The screenshot shows the Zscaler Device Management interface. At the top, there are navigation links: Dashboard, Enrolled Devices, App Profiles (which is highlighted with a blue box and a callout bubble saying "Click App Profiles"), and Administration. Below the navigation bar is a search bar with dropdowns for "All Users" and "All OS". On the left, a sidebar titled "Device Overview" shows a list of devices. The main area displays a table of device information:

#	User ID	OS Type	Device Model	Z App Version	Policy Status	
1	admin@zstrain.safemarch.com	iOS	Apple iPhone7,2	1.6.0 (60)	Outdated	
2	student@zstrain.safemarch.com	Android	OPPO CPH1969	1.5.2.23	Outdated	
3	user1@zstrain.safemarch.com	Windows	LENOVO 80NT	1.5.1.8	Outdated	
4	student@zstrain.safemarch.com	Windows	LENOVO 20L8S7WC08	2.1.0.210	Outdated	
5	user2@zstrain.safemarch.com	Windows	VMware, Inc. VMware Virtual Platform	1.5.2.5	Outdated	
6	user3@zstrain.safemarch.com	Windows	VMware, Inc. VMware Virtual Platform	1.5.2.7	Outdated	

At the bottom of the interface, there are "Help" and "Versions" buttons, and copyright information: "Copyright ©2007-2020 Zscaler Inc. All rights reserved. | Version: 3.17.1". The timestamp on the right is "Weblog Time: Friday, Feb 21, 2020 04:24:33 PM".

Slide notes

To view and manage App Profiles, click the **App Profiles** link.

Slide 54 - Slide 54

The screenshot shows the Zscaler Administration interface. At the top, there are navigation links: Dashboard, Enrolled Devices, App Profiles, and Administration. A red box highlights the Administration link, with a callout bubble pointing to it labeled "Click Administration". On the left, a sidebar titled "Platforms" lists Windows, macOS, iOS, and Android, with Windows selected and highlighted by a red box. A callout bubble next to the sidebar says "Select the page for the Platform of interest". The main content area is titled "Add Windows Policy" and contains a table with one row. The table columns are Rule#, Policy Name, Policy Description, User Groups, and Status. The row shows Rule# 1, Policy Name Default, Policy Description Default Policy, User Groups ALL, and Status Enabled. A callout bubble over this table says "Add and manage Profiles". In the center of the page is a large callout box containing the text: "Deliver the appropriate Forwarding Profile, set Logout and Disable passwords, configure Logging options, set Global VPN Bypasses and Tunnel 2.0 Subnet Exclusions/Inclusions". At the bottom of the page, there are "Help" and "Versions" buttons, and a copyright notice: "Copyright ©2007-2020 Zscaler Inc. All rights reserved. | Version: 3.17.1".

Slide notes

On this page you can create and manage **App Profiles** for each of the platforms supported (**Windows, MacOS, iOS** and **Android**). Remember, **App Profiles** are assigned to your user groups and are used to deliver configuration settings to the Zscaler App installed on the member's devices, e.g. **Forwarding Profiles**.

To view the Administration options available, click **Administration**.

Slide 55 - Slide 55

The screenshot shows the Zscaler App Store interface. On the left, a navigation menu includes 'Settings' (selected), 'Zscaler App Store' (highlighted with a red box), 'Zscaler App Notifications', 'Audit Logs', 'Forwarding Profile', 'Trusted Networks', 'Zscaler App Support', 'Zscaler Service Entitlement', 'User Agent', 'Zscaler App IDP', and 'Device Posture'. The main content area has tabs for 'PERSONAL COMPUTERS' and 'MOBILE DEVICES' (selected). Under 'PERSONAL COMPUTERS', there's a 'UPDATE SETTINGS' section for 'Automatic Rollout' with options: 'Always Latest Version', 'Specific Version', 'Group Based', and a 'Disable' button. Below this are 'Save' and 'Cancel' buttons. A 'DEVICE SNAPSHOT' section shows tables for 'Windows' and 'macOS'. The Windows table has two rows: one for version 2.1.0.210 with 1 registered device and links for Release Notes, Download EXE, and Download MSI; another for version 1.5.2.7 with 1 registered device and similar download links. The macOS table has two rows: one for version 2.1.0.190 with 0 registered devices and links for Release Notes and Download Link; another for version 1.5.2.6 with 0 registered devices and similar links. At the bottom center is a callout box with the text: 'Download Z App installer files for PCs, manage UPDATE SETTINGS'. The footer contains copyright information: 'Copyright ©2007-2020 Zscaler Inc. All rights reserved.' and 'Version: 3.17.1', along with a 'Help' and 'Versions' link.

Slide notes

There are a number of pages here, listed in the left-hand navigation menu, and we will look at each of them very briefly:

- First, the **Zscaler App Store**. This is where you need to come to obtain the install files for Z App, also to manage the update process for the App.

Slide 56 - Slide 56

The screenshot shows the Zscaler App Notifications page. The left sidebar has a red box around 'Zscaler App Notifications'. The main area has tabs: ACCEPTABLE USE POLICY (AUP) SETTINGS (selected), REMINDER NOTIFICATION SETTINGS, and SYSTEM TRAY NOTIFICATION SETTINGS. Under AUP SETTINGS, there's a dropdown for 'Configure AUP Frequency' set to 'Never'. Below it is a text area for 'Configure AUP Message' containing the HTML code: <html><head><title>AUP Not Configured</title></head><body>Acceptable Use Policy is not configured for your company</body></html>. At the bottom are 'Save' and 'Cancel' buttons, and a link to 'Preview AUP Message'. A large callout box highlights 'ACCEPTABLE USE POLICY (AUP) SETTINGS, REMINDER NOTIFICATION SETTINGS and SYSTEM TRAY NOTIFICATION SETTINGS'. The footer includes 'Help' and 'Versions' buttons, and copyright information: Copyright ©2007-2020 Zscaler Inc. All rights reserved. | Version: 3.17.1 and Weblog Time: Friday, Feb 21, 2020 04:24:33 PM.

Slide notes

- Next is the **Zscaler App Notifications** page. This is where you come to create an **Acceptable Use Policy (AUP)**, that must be accepted by your users before they can actually use the App. Here, you will also find **REMINDER NOTIFICATION SETTINGS** and **SYSTEM TRAY NOTIFICATION SETTINGS**.

Slide 57 - Slide 57

The screenshot shows the Zscaler App Portal interface. At the top, there are navigation links: Dashboard, Enrolled Devices, App Profiles, and Administration. On the far right are Help and Go Back buttons. The left sidebar has a Settings icon and a list of options: Zscaler App Store, Zscaler App Notifications, Audit Logs (which is selected and highlighted in blue), Forwarding Profile, Trusted Networks, Zscaler App Support, Zscaler Service Entitlement, User Agent, Zscaler App IDP, and Device Posture. The main content area displays a table titled 'Audit Logs' with the following columns: No., Timestamp, Action, Category, Sub-Category, Resource, Admin ID, Client IP, and Result. The table contains 7 rows of data, all of which show successful logins ('Sign In') for the user 'admin' from various IP addresses on February 21, 2020. A large button labeled 'View Audit Logs' is centered below the table. At the bottom of the screen, there are 'Help' and 'Versions' buttons, along with copyright and version information: Copyright ©2007-2020 Zscaler Inc. All rights reserved. | Version: 3.17.1 and Weblog Time: Friday, Feb 21, 2020 04:24:33 PM.

No.	Timestamp	Action	Category	Sub-Category	Resource	Admin ID	Client IP	Result
1	February 21, 2020 - 04:2...	Sign In	Login	Login	---	admin@zstrain.safem...	171.4.232.129	✓
2	February 21, 2020 - 02:0...	Sign In	Login	Login	---	admin@zstrain.safem...	184.170.224.172	✓
3	February 21, 2020 - 02:0...	Sign In	Login	Login	---	admin@zstrain.safem...	171.4.232.129	✓
4	February 21, 2020 - 01:5...	Sign Out	Login	Login	---	admin@zstrain.safem...	171.4.232.129	✓
5	February 21, 2020 - 01:2...	Sign In	Login	Login	---	admin@zstrain.safem...	165.225.116.119	✓
6	February 21, 2020 - 01:2...	Sign Out	Login	Login	---	admin@zstrain.safem...	165.225.116.119	✓
7	February 21, 2020 - 01:2...	Sign In	Login	Login	---	admin@zstrain.safem...	165.225.116.119	✓

Slide notes

- Next in the list is the **Audit Log**, there's nothing to configure here, but you can filter the log of admin actions to see who did what within the Zscaler App Portal.

Slide 58 - Slide 58

The screenshot shows the Zscaler Administration interface. The left sidebar has a 'Settings' category expanded, with 'Forwarding Profile' highlighted and a red box drawn around it. The main content area displays a table titled 'Add Forwarding Profile' with one row. The row contains the following data:

#	Profile Name	Trusted Network Criteria	Forwarding Profile Action
1	Default	CRITERIA None	ON TRUSTED NETWORK Tunnel SYSTEM PROXY Never CUSTOM PAC None

A callout box highlights the following text: 'Add and manage Forwarding Profiles, which contain: TRUSTED NETWORK CRITERIA, WINDOWS DRIVER SELECTION, FORWARDING PROFILE ACTION FOR ZIA, Tunnel Version Selection, System Proxy Settings, and FORWARDING PROFILE ACTION FOR ZPA'

At the bottom of the page, there are 'Help' and 'Versions' buttons, and copyright information: 'Copyright ©2007-2020 Zscaler Inc. All rights reserved. | Version: 3.17.1' and 'Weblog Time: Friday, Feb 21, 2020 04:24:33 PM'.

Slide notes

- Next are **Forwarding Profiles**. Here you can create and manage profiles with forwarding settings, which consist of: **TRUSTED NETWORK CRITERIA, WINDOWS DRIVER SELECTION, FORWARDING PROFILE ACTION FOR ZIA, Tunnel Version Selection, System Proxy Settings, and FORWARDING PROFILE ACTION FOR ZPA**.
- These settings are applied to devices by selecting the appropriate **Forwarding Profile** in the correct **App Profile**.

Slide 59 - Slide 59

The screenshot shows the Zscaler Admin Portal interface. The top navigation bar includes links for Dashboard, Enrolled Devices, App Profiles, Administration, Help, and Go Back. On the left, a sidebar menu under 'Settings' lists: Zscaler App Store, Zscaler App Notifications, Audit Logs, Forwarding Profile, **Trusted Networks** (which is selected and highlighted with a red box), Zscaler App Support, Zscaler Service Entitlement, User Agent, Zscaler App IdP, and Device Posture. Below the sidebar is a large central panel titled 'Add Trusted Network'. It features a table with columns for '#', Network Name, and Trusted Network Criteria. A message at the bottom of the table says 'No matching items found'. A callout box highlights the 'Trusted Networks' section with the text: 'Add and manage Trusted Networks, which can then be selected within a Forwarding Profile, or used in a ZPA Client Forwarding Policy'.

Slide notes

- Next, the **Trusted Networks** configuration, where you can add known networks based on some combination of: **DNS Server; DNS Search Domains; Hostname and IP** combinations.
- Once you have created the **Trusted Networks** here, you have the option to use them within a **Forwarding Profile**, plus for the ZPA service, they can be used in a **Client Forwarding Policy** (configured in the ZPA Admin Portal).

Slide 60 - Slide 60

The screenshot shows the Zscaler App Support settings page. On the left, a sidebar lists options like Zscaler App Store, Audit Logs, Forwarding Profile, Trusted Networks, and **Zscaler App Support**, which is highlighted with a red box. The main area has a tab bar with **APP SUPPORTABILITY** selected, followed by **NETWORK PERFORMANCE**, **APP FAIL OPEN**, **USER PRIVACY**, **ENDPOINT INTEGRATION**, **DEVICE CLEANUP**, and **ADVANCED CONFIGURATION**. Below the tabs, there are several configuration items with toggle switches:

- Hide Logging Controls on Zscaler App (Off)
- Enable Support Access in Zscaler App (Off)
- Enable End User to Restart Services and Repair App (On)
- Automatically populate Username field for IDP Authentication (v. 2.1.0+)

A callout box labeled "Zscaler App version requirements" points to the "v. 2.1.0+" text in the fourth item. A larger callout box below the tabs states: "A number of tabs with a variety of Zscaler App Support settings: APP SUPPORTABILITY, NETWORK PERFORMANCE, APP FAIL OPEN, USER PRIVACY, ENDPOINT INTEGRATION, DEVICE CLEANUP, ADVANCED CONFIGURATION".

At the bottom left, there are "Help" and "Click Buttons" buttons. The bottom right shows the "Weblog Time: Friday, Feb 21, 2020 04:24:33 PM".

Slide notes

- On the **Zscaler App Support** page are a number of tabs with settings for: **APP SUPPORTABILITY**, **NETWORK PERFORMANCE**, **APP FAIL OPEN**, **USER PRIVACY**, **ENDPOINT INTEGRATION**, **DEVICE CLEANUP**, **ADVANCED CONFIGURATION**.

Note the Zscaler App version requirements listed against the one setting here. To toggle the display of this information on and off, click the **Versions** control, ...

Slide 61 - Slide 61

The screenshot shows the Zscaler Administration interface with the 'Zscaler App Support' section selected in the sidebar. The main panel displays several configuration options:

- Hide Logging Controls on Zscaler App (disabled)
- Enable Support Access in Zscaler App (disabled)
- Enable End User to Restart Services and Repair App (enabled)
- Automatically populate Username field for IDP Authentication (disabled)

A tooltip box labeled "Zscaler App version requirements" is overlaid on the "Automatically populate Username field for IDP Authentication" setting. The entire configuration panel has a red border.

At the bottom of the interface, there is a note: "Display the required version next to features that are version dependent." Below this note are two buttons: "Help" and "Versions".

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Slide notes

...and the versions required display will be disabled.

Slide 62 - Slide 62

The screenshot shows the Zscaler Service Entitlement page. On the left, a sidebar lists various settings: Zscaler App Store, Zscaler App Notifications, Audit Logs, Forwarding Profile, Trusted Networks, Zscaler App Support, **Zscaler Service Entitlement** (which is selected and highlighted with a red box), User Agent, Zscaler App IDP, and Device Posture. At the bottom of the sidebar are 'Help' and 'Versions' buttons. The main content area has two sections: 'ZSCALER INTERNET ACCESS (ZIA)' and 'ZSCALER PRIVATE ACCESS (ZPA)'. Under ZIA, there is a checkbox labeled 'ZIA Enabled by Default' which is checked. Under ZPA, there is a checkbox labeled 'ZPA Enabled by Default' which is unchecked. A dropdown menu labeled 'Groups Enabled' is set to 'NONE'. A callout box with a grey border and white text says 'Specify the Groups Enabled for ZPA access'. At the bottom of the main content area are 'Save' and 'Cancel' buttons.

Slide notes

- On the **Zscaler Service Entitlement** page, you may control which of your users may use the ZPA service, by selecting the **Groups Enabled**. Note that the groups to be selected must exist and are managed on the ZIA Admin Portal.

Slide 63 - Slide 63

The screenshot shows the Zscaler WBC User Agent configuration interface. The left sidebar has a 'User Agent' item selected and highlighted with a red box. A large callout box with a dark gray background and white text, containing the text 'Add and manage custom User Agent Suffixes', points to the main content area. The main area is titled 'WBC USER AGENT' and contains sections for 'Customize User Agent Suffix' (with 'Global' and 'Optional' tabs) and a 'Save' button.

Slide notes

- The **User Agent** page allows you to create and manage custom **User Agent Suffixes**, whether a Global suffix, or Domain-based.

Slide 64 - Slide 64

The screenshot shows the Zscaler Management interface. The top navigation bar includes links for Dashboard, Enrolled Devices, App Profiles, Administration, Help, and Go Back. On the left, a sidebar titled 'Settings' lists various options: Zscaler App Store, Zscaler App Notifications, Audit Logs, Forwarding Profile, Trusted Networks, Zscaler App Support, Zscaler Service Entitlement, User Agent, **Zscaler App IdP** (which is highlighted with a red box), and Device Posture. Below the sidebar are 'Help' and 'Versions' buttons. The main content area is titled 'MANAGE DEVICE TOKENS' and contains a table with columns for '#', Token, Description, and Created On. A message at the bottom of the table says 'No matching items found'. A callout box with a grey background and a dark border contains the text: 'Add Device Tokens (up to 8) for use when installing Zscaler App, to allow a silent authentication using the Zscaler App IdP'. At the bottom of the page, there is copyright information: 'Copyright ©2007-2020 Zscaler Inc. All rights reserved.' and 'Version: 3.17.1', along with a timestamp: 'Weblog Time: Friday, Feb 21, 2020 04:24:33 PM'.

Slide notes

- The **Zscaler App IdP** page allows you to create up to 8 **Device Tokens**. The value of the tokens may be passed to the Zscaler App installer in a command line option, which then allows a silent user authentication using SAML with; the user identity from device login, and the **Device Token**.

Note that this form of authentication is only supported for access to the ZIA service.

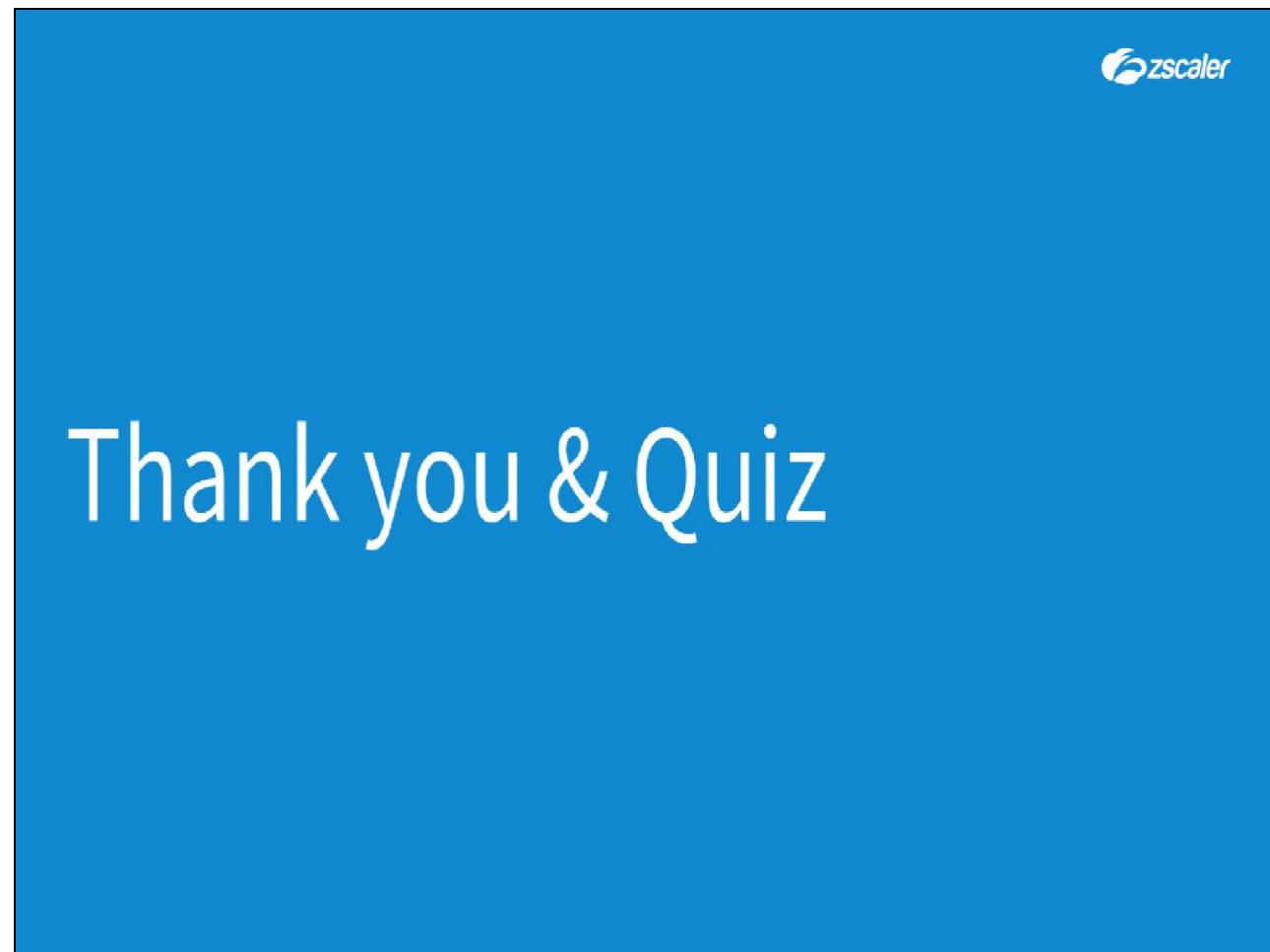
Slide 65 - Slide 65

The screenshot shows the Zscaler Management interface. The top navigation bar includes links for Dashboard, Enrolled Devices, App Profiles, Administration, Help, and Go Back. On the left, a sidebar under 'Settings' lists various options like Zscaler App Store, Audit Logs, Forwarding Profile, Trusted Networks, Zscaler App Support, Zscaler Service Entitlement, User Agent, Zscaler App IDP, and Device Posture, with 'Device Posture' highlighted by a red box. The main content area is titled 'MANAGE DEVICE POSTURES' and contains a table with columns for '#', 'Profile Name', and 'Description'. A message at the bottom of the table says 'No Data found'. A callout box highlights the 'Device Posture' feature with the text: 'Add and manage Device Posture Profiles with per-platform criteria to be verified. Profiles can be evaluated in a ZPA Access Policy to control access'.

Slide notes

- Finally, on the **Device Posture** page, you can create and manage **Device Posture Profiles** containing per-platform posture criteria. These profiles can be used in ZPA **Access Policy** rules, to ensure access to private applications only from compliant devices.

Slide 66 - Thank you & Quiz

**Slide notes**

Thank you for following this Zscaler training module, we hope this module has been useful to you and thank you for your time.

What follows is a short quiz to test your knowledge of the material presented during this module. You may retake the quiz as many times as necessary in order to pass.