Healthcare providers, emergency responders, state and local governments and Line of Business (LOB) teams engaged in contingency planning and business continuity plans (BCP) can implement VPN client connectivity to enterprise networks by deploying Aruba VIA VPN clients.

Enabling people to work, access secure client records, and interact with peers with granular access controls, while also abiding by compliance or IT security policies, is important to mitigate risk and ensure privacy and confidentiality – especially while connecting from public or private Wi-Fi networks.

**WHAT IS ARUBA VIA?**

Aruba VIA (or Virtual Intranet Access) is a VPN client that provides secure remote connectivity for Android, Apple iOS, MacOS X, Linux, and Windows devices to enterprise resources. VIA uses a hybrid SSL/IPSec VPN and automatically selects the best, secure connection to an Aruba VPN Concentrator (VPNC) hosted in the cloud or on-premises.

**Zero-touch end-user experience**

Unlike traditional VPN software, VIA offers a zero-touch end-user experience. VIA provides the following:

1. Secure corporate access to connect worker or student laptops and smartphones from anywhere.
2. Ease-of-use for end-users and network administrators.

**OUR COMMITMENT TO YOU:**

To meet the unprecedented needs for remote connectivity in a simple and secure way, Aruba is offering evaluation licenses for use up to 90 days. Please contact your Aruba representative or support (TAC) for assistance: https://www.arubanetworks.com/supportservices/contact-support/

*Use VIA licenses for up to 90 days (No Obligation)*

Good through June 30, 2020, you may deploy Aruba VIA with your new or existing Aruba Central, Mobility Master and/or Mobility Controller-managed networks by using Aruba’s Evaluation Licenses (90 days in Aruba Central, or 30 days renewable up to 90 days on-premises) for each User/Gateway/Controller with no obligation. These are standard evaluation (Eval) licenses available for use during this extraordinary time.

**LEARN MORE ABOUT ARUBA VIA:**

Go to the Aruba VPN Services web page: http://www.arubanetworks.com/products/security/vpn-services/
SPECIAL PROGRAM DETAILS

Aruba is providing this evaluation license program to support all customers worldwide who are deploying Aruba VIA. For maximum flexibility, you can deploy:

1. Aruba Central as a cloud-managed VPN service.
2. Aruba Mobility Master and/or Aruba Mobility Controllers for on-premises VPN services.

Note: Aruba VIA client downloads are free of charge, however a VPNC is required for secure functionality.

GENERAL INSTRUCTIONS

Install or download Aruba VIA clients for free Aruba VIA clients are available for download on several platforms, including Windows, MacOS, Linux, iOS, and Android. Provide appropriate instructions to end-users.

- Windows (32-bit or 64-bit) clients from ASP – HERE
- Linux (32-bit or 64-bit) clients from ASP – HERE
- Android clients from the Google Play store
- Apple clients (macOS, iOS/iPadOS) from Apple store

OPTION 1: CLOUD-MANAGED VPN SERVICES WITH ARUBA CENTRAL VIRTUAL GATEWAYS

Step 1: Choose your public cloud

Aruba Central-managed Virtual Gateways (VGWs) can be deployed in either Microsoft Azure or Amazon AWS. Virtual Gateways act as a VPNC for all Aruba VIA VPN client connections. 90-day VGW evaluation licenses are provided for Aruba Central accounts.

Step 2: Set up an Aruba Central account

Setup an Aruba Central account to manage, configure and monitor Virtual Gateways: https://portalprod2.central.arubanetworks.com/platform/signup/registration#/SIGNUP

Step 3: Choose your Virtual Gateway (VPNC)

In order to connect end-users to enterprise services hosted in AWS or Azure, an Aruba Virtual Gateway acting as a VPNC needs to be deployed. Please select a VGW Eval license or a VGW 1-year license (for purchase) for the VPNC based on your throughput and concurrent user requirements in the Aruba VIA Solution Guide. For licensing questions, please contact TAC.

<table>
<thead>
<tr>
<th>VGW Throughput</th>
<th>VGW License Evaluation</th>
<th>VGW License 1-Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 Mbps</td>
<td>Call TAC</td>
<td>R0X97AAE</td>
</tr>
<tr>
<td>2 Gbps</td>
<td>Call TAC</td>
<td>R3V73AAE</td>
</tr>
<tr>
<td>4 Gbps</td>
<td>Call TAC</td>
<td>R3V76AAE</td>
</tr>
</tbody>
</table>

Note: After 90 days, VGWs will show up as “Unlicensed” and lose management plane connectivity. Once new subscriptions are added, the devices will resume management connectivity, allowing users to continue with management, configuration, and deployment of new devices.

View Appendix A at the end of this document for instructions on how to deploy your Virtual Gateway.

Step 4: VIA VPN Configuration

See the Aruba VIA Solution Guide for next steps and configuration guidance for Aruba VIA.

OPTION 2: CLOUD-MANAGED VPN SERVICES WITH ARUBA CENTRAL HEADEND GATEWAYS

Step 1: Set up an Aruba Central account

90-day VGW evaluation licenses are provided for Aruba Central accounts. Setup an Aruba Central account to manage, configure and monitor Virtual Gateways: https://portal-prod2.central.arubanetworks.com/platform/signup/registration#/SIGNUP
Step 2: Deploy your Headend Gateway (physical VPNC)

In order to connect end-users to enterprise services in your data center or campus network, an Aruba Headend Gateway (HG) acting as a VPNC needs to be deployed.

Please select a HG Eval license or HG 1-year license (for purchase) for the VPNC based on your throughput and concurrent user requirements in the Aruba VIA Solution Guide. For licensing questions, please contact TAC.

<table>
<thead>
<tr>
<th>Headend Gateway</th>
<th>HG License Evaluation</th>
<th>HG License 1-Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>7010 or 7024</td>
<td>JZ121-EVALS</td>
<td>JZ118AAE</td>
</tr>
<tr>
<td>7030</td>
<td>JZ121-EVALS</td>
<td>JZ118AAE</td>
</tr>
<tr>
<td>7205</td>
<td>JZ198-EVALS</td>
<td>JZ195AAE</td>
</tr>
<tr>
<td>7210</td>
<td>JZ198-EVALS</td>
<td>JZ195AAE</td>
</tr>
<tr>
<td>7220</td>
<td>JZ198-EVALS</td>
<td>JZ195AAE</td>
</tr>
<tr>
<td>7240, 7240XM, 7280</td>
<td>JZ198-EVALS</td>
<td>JZ195AAE</td>
</tr>
</tbody>
</table>

Headend Gateways will show up as “Unlicensed” and lose management plane connectivity. Once new subscriptions are added, users will be able to resume management, configuration, and deployment of new devices.

Note: After 90 days, Headend Gateways will show up as “Unlicensed” and lose management plane connectivity. Once new subscriptions are added, users will be able to resume management, configuration, and deployment of new devices.

Step 3: VIA VPN Configuration

See the Aruba VIA Solution Guide for next steps and configuration guidance for Aruba VIA.

OPTION 3: ON-PREMISES VPN SERVICES WITH MOBILITY CONTROLLERS

Step 1: Choose your Aruba Mobility Controller (MC)

Aruba Mobility Controllers are managed by Aruba Mobility Master (MM) or operate in standalone mode. Please use an existing Mobility Controller or choose the appropriate model based on your requirements in the Aruba VIA Solution Guide.

*Note: VPN Services only available with ArubaOS 8.x.

Step 2: Select MC and MM Evaluation Licenses

For virtual VPNC deployments, you may deploy a Mobility Controller with or without a Mobility Master using the following (renewable) Eval licenses or perpetual licenses (for purchase):

<table>
<thead>
<tr>
<th>Mobility Master</th>
<th>MM Evaluation</th>
<th>MM Perpetual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virtual Mobility Master</td>
<td>EVL-MM-VA-10K</td>
<td>JY898AAE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mobility Controller</th>
<th>MC Evaluation</th>
<th>MC Perpetual</th>
</tr>
</thead>
<tbody>
<tr>
<td>For US (Virtual)</td>
<td>EVL-MC-VA-1K-US</td>
<td>JY904AAE</td>
</tr>
<tr>
<td>For ROW (Virtual)</td>
<td>EVL-MC-VA-1K-RW</td>
<td>JY901AAE</td>
</tr>
<tr>
<td>For Israel (Virtual)</td>
<td>EVL-MC-VA-1K-IL</td>
<td>JY907AAE</td>
</tr>
<tr>
<td>For Japan (Virtual)</td>
<td>EVL-MC-VA-1K-JP</td>
<td>JY910AAE</td>
</tr>
<tr>
<td>For Egypt (Virtual)</td>
<td>EVL-MC-VA-1K-EG</td>
<td>JY913AAE</td>
</tr>
</tbody>
</table>

Step 3A: Choose ArubaOS 8 VIA Licenses

If you manage Aruba Mobility Masters and/or Mobility Controllers running ArubaOS 8, multiple Aruba LIC-VIA Eval (renewable) licenses must be applied to serve VPN users, based on your specified model:

<table>
<thead>
<tr>
<th>Mobility Controller</th>
<th>30 Day Eval License</th>
<th>Perpetual License (for purchase)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7005, 7008, 7010, 7024, 7030, 7205, 7210, 7220, 7240, 7240XM, 7280, 9004, MC-VA-10, MC-VA-50, MC-VA-250, MC-VA-1K</td>
<td>EVL-VIA</td>
<td>LIC-VIA (JZ148AAE)</td>
</tr>
</tbody>
</table>
Please note the following:
1. LIC-VIA license is per user-based. It is the license of choice for use in AOS 8 deployments.
2. Each eval license (EVL-VIA) provides scalability of up to 2048 users. Eval licenses can be "stacked" up to a maximum of three to increase the scale of VIA users to 6144. If more user capacity is required, please contact your account team or Aruba TAC.

**CONTACT US**

Please contact your designated Aruba representative to learn more or obtain a quote for Aruba Mobility Controllers and/or Mobility Masters.

**Step 3B: Choose ArubaOS 6 VIA Licenses**

If you manage Mobility Controllers running ArubaOS 6, an Aruba PEFV Eval license (renewable) or perpetual license (for purchase) must be applied to serve VPN users, based on your specified model:

<table>
<thead>
<tr>
<th>Mobility Controller</th>
<th>30 Day Eval License</th>
<th>Perpetual License (for purchase)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7005</td>
<td>EVL-7005-PEFV</td>
<td>LIC-7005-PEFV (JW495AAE)</td>
</tr>
<tr>
<td>7008</td>
<td>EVL-7008-PEFV</td>
<td>LIC-7008-PEFV (JY342AAE)</td>
</tr>
<tr>
<td>7010</td>
<td>EVL-7010-PEFV</td>
<td>LIC-7010-PEFV (JW496AAE)</td>
</tr>
<tr>
<td>7024</td>
<td>EVL-7024-PEFV</td>
<td>LIC-7024-PEFV (JW497AAE)</td>
</tr>
<tr>
<td>7030</td>
<td>EVL-7030-PEFV</td>
<td>LIC-7030-PEFV (JW498AAE)</td>
</tr>
<tr>
<td>7205</td>
<td>EVL-7205-PEFV</td>
<td>LIC-7205-PEFV (JW499AAE)</td>
</tr>
<tr>
<td>7210</td>
<td>EVL-7210-PEFV</td>
<td>LIC-7210-PEFV (JW500AAE)</td>
</tr>
<tr>
<td>7220</td>
<td>EVL-7220-PEFV</td>
<td>LIC-7220-PEFV (JW501AAE)</td>
</tr>
<tr>
<td>7240/7240XM</td>
<td>EVL-7240-PEFV</td>
<td>LIC-7240-PEFV (JW502AAE)</td>
</tr>
</tbody>
</table>

Please note the following:
1. PEFV licenses are specific to a Mobility Controller.
2. The number of VPN terminations is limited by the client capacity of the Mobility Controller.
3. The Eval license (EVL-xxxx-PEFV) provides full scalability for VPN termination for the matching controller platform.

To obtain any of the above ArubaOS 6 or ArubaOS 8 Eval licenses, please contact Aruba TAC. At your request, Aruba TAC will activate a certID on your controller platform via Aruba’s internal license portal (ASP or MNP) and email it to you along with instructions for activation.

**Step 4: VIA VPN Configuration**

See the Aruba VIA Solution Guide for next steps and configuration guidance for Aruba VIA.

**ADDITIONAL INFORMATION**

**Important Note on Evaluation Licenses**

This applies to EVL-PEFV-xxxx, EVL-VIA, EVL-AP and EVL-PEF licenses.

Good through June 30, 2020, customers can contact the account partner or Aruba TAC to request the specific Eval licenses. The licenses would be generated on behalf of the customer and the customer would be notified via email regarding the license details and how to activate on a particular Mobility Controller.

These Eval licenses are good for up to 90 days (3x 30) in increments of 30 days. Before the first period expires, the customer MUST reapply the license for the next 30 days and then repeat the process one more time. The first 30-day period starts from the time the license is installed on the Controller. An alert shown via the Controller GUI will inform when the license is due to expire. If this alert is not acted upon and the license expires, the functionality of the license gets deprecated. Once rebooted, the RAP will not connect to the Controller. For additional assistance if the license is about to or has expired, please contact Aruba TAC.
**CUSTOMER FIRST, CUSTOMER LAST SUPPORT**

When your network is important to your business, then your business needs the backing of Aruba Support Services.

Partner with Aruba product experts to increase your team productivity, keep pace with technology advances and software releases and obtaining break-fix support. Our Foundation Care for Aruba support services include priority access to Aruba Technical Assistance Center (TAC) engineers 24x7x365, flexible hardware and onsite support options and total coverage for Aruba products.

**GLOSSARY:**

1. VPNC = VPN Concentrator.
2. HW GW= Hardware Gateway. HW GWs are available in many different form factors and sizes. They can be configured by Aruba Central or Mobility Master.
3. VMC=Virtual Mobility Controller. VMCs are deployed as virtual machines in ESXi/Hyper-V environments. VMCs can only be configured by Mobility Master. To learn more on VMC, view the datasheet: https://www.arubanetworks.com/assets/ds/DS_VMC.pdf
4. vGW = Virtual Gateway. vGWs are deployed in public cloud infrastructures. VGWs can only be managed by Aruba Central. For more info on vGW, please view the SD-WAN datasheet: https://www.arubanetworks.com/assets/ds/DS_SD-WAN.pdf

**APPENDIX A: SETTING UP VIRTUAL GATEWAYS**

**For AWS:** Request whitelisting for an Amazon Machine Image or AMI using the following form: https://bit.ly/2QB8q1X

A notification is sent once the whitelisting is done, and the AMI is visible in the AWS Console. Then, follow the instructions here to deploy the gateway: https://bit.ly/2wrumFN

**Note:** Whitelisting will not be required when the Marketplace listing goes public beginning April 2020, at which time you can download the product here: https://aws.amazon.com/marketplace/pp/B081Y65W5M

**For Azure:** Download the required VHD image from the Aruba Support Portal (ArubaOS_VGW_8.5.0.0-2.0.0.0_73682.vhd) here: https://bit.ly/33L9VAd

Follow the instructions here to upload to Azure and deploy the Virtual Gateway using Aruba Central: https://bit.ly/2vIDPsc
APPENDIX B: CHOOSING YOUR WORK FROM HOME SOLUTION

IAP-VPN, Aruba VIA, and RAP deployment

There are many considerations when choosing a WFH solution. We have narrowed it down to a handful of decision factors that can simplify your choice, especially if you are new to Aruba WFH offerings.

For the deployment of an Aruba WFH solution, virtualized head-end gateways can offer the fastest time to operation, removing the need to ship and handle devices onsite. For example, the Aruba vGW available in AWS today can be installed and deployed remotely in an AWS account, then managed entirely through Aruba Central.

The Decision tree below will help you decide on a solution.

**Other considerations:**
- Single AP
- Controller cluster
- Stateful L2 failover
- Perpetual licenses
- Supported AP type: CAP, RAP, IAP, UAP
- Supported VPNCs*: HW MC, VMC (ESXi hypervisor)

**Fully cloud-managed with Aruba Central.**

**Other considerations:**
- Multi AP roaming
- VRRP redundancy; stateless L2 failover
- Subscription licenses
- Supported AP type: RAP, IAP, UAP
- Supported VPNCs*: HW GW, vGW (AWS)

**Cloud managed with Aruba Central**

- Users download the VIA client
- No need to ship AP hardware
- Supported VPNCs*: HW GW, vGW (AWS)