

# Frame on AHV Ports/Protocols Summary

## CCA 2.x with SGA

Source to Destination	Source IP address	Destination FQDN(s)	Protocol:port
Cloud Connector Appliance (CCA) to Frame Platform Workload Cloud Connector Appliance (WCCA) to Frame Platform	Public IP address (NAT from private IP address), as seen by Frame Platform	<ul style="list-style-type: none"> <li>frame.nutanix.com</li> <li>cpanel-backend-prod.frame.nutanix.com</li> <li>gateway-external-api-prod.frame.nutanix.com</li> <li>cch-prod.frame.nutanix.com</li> <li>ccc-prod.frame.nutanix.com</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS, Secure Web Socket)</li> </ul>
Prism Central to Frame Platform	Private IP address within VLAN	<ul style="list-style-type: none"> <li>prod-cca-5683567dcbd60804cb34.s3.amazonaws.com</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS)</li> </ul>
WCCA to Workload VMs (Sandbox VM, Production VMs)	Private IP address within VLAN	<ul style="list-style-type: none"> <li>Private IP addresses within VLAN</li> </ul>	<ul style="list-style-type: none"> <li>tcp/8112 (HTTPS)</li> </ul>
CCA to Prism Central	Private IP address or static private IP address	<ul style="list-style-type: none"> <li>Prism Central IP address</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS)</li> </ul>
CCA to Prism Element (on node where profile and personal disks are used)	Private IP address	<ul style="list-style-type: none"> <li>Prism Element IP address</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS)</li> </ul>
Workload VMs to Frame Platform	Public IP address (NAT from private IP address), from perspective of Frame Platform	<ul style="list-style-type: none"> <li>gateway-external-api-prod.frame.nutanix.com</li> <li>img.frame.nutanix.com</li> <li>prod-kds-5683567dcbd60804cb34.s3.us-east-1.amazonaws.com</li> <li>prod-sup-5683567dcbd60804cb34.s3.us-east-1.amazonaws.com</li> <li>logs-01.loggly.com (for event logging)</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/6514 (TLS)</li> </ul>
End user to Frame Platform	Public IP address (NAT from private IP address if end user in private network), from perspective of Frame Platform	<ul style="list-style-type: none"> <li>console.nutanix.com</li> <li>img.frame.nutanix.com</li> <li>cpanel-backend-prod.frame.nutanix.com</li> <li>prod-cpa-5683567dcbd60804cb34.s3.us-east-1.amazonaws.com</li> <li>terminal-prod.frame.nutanix.com</li> <li>login.frame.nutanix.com (for Frame IdP, if used)</li> <li>logs-01.loggly.com (for event logging)</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/443 (HTTPS)</li> <li>tcp/6514 (TLS)</li> </ul>
Streaming Gateway Appliance (SGA) to Frame Platform	Public IP address	<ul style="list-style-type: none"> <li>cpanel-backend-prod.frame.nutanix.com</li> <li>gateway-external-api-prod.frame.nutanix.com</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS)</li> </ul>
End user to SGA	Public IP address	<ul style="list-style-type: none"> <li>*.&lt;CUSTOMER SGA FQDN&gt; resolving to public IP address</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS, Secure Web Socket)</li> </ul>
SGA to Workload VM	Private IP address	<ul style="list-style-type: none"> <li>Dynamic private IP addresses within VPC/VNET</li> </ul>	<ul style="list-style-type: none"> <li>tcp/443 (HTTPS, Secure Web Socket)</li> </ul>

Notes: 1. Orange rows identify communication paths that traverse the public-private network boundary.