

# Nutanix Frame Government Ports/Protocols

## AHV

### FGA 8 + FRP8 (WebRTC) with SGA

Source to Destination	Source IP address	Destination FQDN(s)	Protocol:port
Cloud Connector Appliance (CCA) 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.us</li><li>console.nutanix.us</li><li>cpanel-backend-prod.frame.nutanix.us</li><li>cpanel-backend.console.nutanix.us</li><li>gateway-external-api-prod.frame.nutanix.us</li><li>gateway-external-api.console.nutanix.us</li></ul>	<ul style="list-style-type: none"><li>tcp/443 (HTTPS)</li></ul>
Prism Central to Frame Platform	Private IP address within VLAN	<ul style="list-style-type: none"><li>prod-cca-fdfdf2b8a260f60d936c.s3.amazonaws.com</li></ul>	<ul style="list-style-type: none"><li>tcp/443 (HTTPS)</li></ul>
CCA to Prism Central	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	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>downloads.frame.nutanix.us</li><li>downloads.console.nutanix.us</li><li>gateway-external-api-prod.frame.nutanix.us</li><li>gateway-external-api.console.nutanix.us</li><li>img.frame.nutanix.us</li><li>img.console.nutanix.us</li><li>prod-kds-fdfdf2b8a260f60d936c.s3.fips.us-gov-west-1.amazonaws.com</li><li>prod-sup-fdfdf2b8a260f60d936c.s3-fips.us-gov-west-1.amazonaws.com</li></ul>	<ul style="list-style-type: none"><li>tcp/443 (HTTPS)</li></ul>
		<ul style="list-style-type: none"><li>cch-prod.frame.nutanix.us</li><li>cch.console.nutanix.us</li><li>messaging.console.nutanix.us</li></ul>	<ul style="list-style-type: none"><li>tcp/443 (HTTPS, WSS)</li></ul>
		<ul style="list-style-type: none"><li>stun.console.nutanix.us</li></ul>	<ul style="list-style-type: none"><li>udp/3478</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>frame.nutanix.us</li><li>console.nutanix.us</li><li>assets.console.nutanix.us</li><li>cpanel-backend-prod.frame.nutanix.us</li><li>cpanel-backend.console.nutanix.us</li><li>downloads.frame.nutanix.us</li><li>downloads.console.nutanix.us</li><li>img.frame.nutanix.us</li><li>img.console.nutanix.us</li><li>terminal-prod.frame.nutanix.us</li><li>terminal.console.nutanix.us</li><li>login.frame.nutanix.us (for Frame IdP, if used)</li><li>login.console.nutanix.us (for Frame IdP, if used)</li></ul>	<ul style="list-style-type: none"><li>tcp/443 (HTTPS)</li></ul>
Streaming Gateway Appliance (SGA) to Frame Platform	Public IP address	<ul style="list-style-type: none"><li>cpanel-backend.console.nutanix.us</li><li>gateway-external-api.console.nutanix.us</li></ul>	<ul style="list-style-type: none"><li>tcp/443 (HTTPS)</li></ul>
		<ul style="list-style-type: none"><li>messaging.console.nutanix.us</li></ul>	<ul style="list-style-type: none"><li>tcp/443 (HTTPS, WSS)</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, WSS) and udp/3478</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>udp/4503-4509</li></ul>

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