Prisma Access Technical Specifications Datasheet

Table 1: Mobile User, Remote Network, Inbound Access, and Service Connections Specifications					
Capabilities	Mobile User	Remote Network	Inbound Access	Service Connection	
Throughput					
Max throughput per tunnel	N/A	1 Gbps*	500 Mbps*	1 Gbps [†] 5 Gbps per data center	
Throughput cap per tunnel	N/A	 Per-site BW model: 110% of allocated BW per RN Aggregated BW model: Maximum 1 Gbps per RN; minimum 50 Mbps allocation per compute region 	110% of licensed throughput	Best effort	
Rules and Objects‡		3 1 1 1 0			
Max security rules	10,000	10,000	10,000	N/A	
Max address objects	20,000	20,000	20,000	N/A	
Max address groups	2,500	2,500	2,500	N/A	
Members per address group	2,500	2,500	2,500	N/A	
FQDN address objects	2,000	2,000	2,000	N/A	
Service objects	2,000	2,000	2,000	N/A	
Service groups	250	250	250	N/A	
Members per service group	500	500	500	N/A	
Security profiles	750	750	750	N/A	
Number of QoS policies	N/A	2,000	2,000	2,000	
Advanced URL Filtering‡					
Total entries for Adv. URL Filtering allow list, block list, and custom categories	25,000	25,000	N/A	N/A	
Max URL Filtering custom categories	2,000	2,000	N/A	N/A	
Dataplane cache size for URL Filtering [§]	90,000	90,000	N/A	N/A	
Management plane cache size for URL Filtering	100,000	100,000	N/A	N/A	
Max URL capacity	100,000	300,000	N/A	N/A	
User-ID					
User-IP mappings (management plane)‡	512,000	512,000	N/A	N/A	
User-IP mappings (dataplane) [§]	512,000	512,000	N/A	N/A	
Active and unique User-ID groups used in policy‡	10,000	10,000	N/A	N/A	
App-ID‡ ^{-II}					
Custom App-ID signatures	6,000	6,000	N/A	N/A	
Custom App-IDs#	5,000	5,000	N/A	N/A	
Routing and Addressing ^{§, #}					
Max unique static routes (service)	15,000	15,000	15,000	15,000	
Max unique BGP routes (service)	15,000	15,000	15,000	15,000	
GlobalProtect Capacity/Throughput					
Max concurrent GP App users per region [™] , ††	No cap; autoscales as demand increases	N/A	N/A	N/A	
Max concurrent GP Clientless VPN users per region ^{††}	1,200	N/A	N/A	N/A	
External Dynamic Lists (EDL) Max Capacity					
IPs	100,000				
URLs	100,000				
DNS domains	2,000,000				

Key Notes/Assumptions:

These numbers are based on HTTP 24K object sizes unless otherwise specified. Other traffic mixes will result in similar but potentially different maximum values.

- * Prisma Access 3.2 supports 1 Gbps with or without SSL decryption.
- † Service connection performance varies based on customer equipment, customer ISP, and other factors beyond the control of the Prisma Access service. To get up to 5 Gbps, use five service connections and five tunnels with ECMP on-premises.
- ‡ These limits are contingent upon the Panorama config size of 254 MB. If the configuration size exceeds 254 MB, the service will not accept any new commits; however, there will be no traffic disruption or service impact.

- § These limits must not be exceeded to ensure there is no traffic disruption and no impact to service continuity.
- || App-ID is a patented traffic classification system only available with Palo Alto Networks for application identification. App-ID signatures are granular, and the combination of App-ID with URL Filtering enables customers to provide granular control of policies.
- # These limits are for the service/infrastructure per tenant; they are not per tunnel or per mobile user gateway limits.
- ** Customers must purchase appropriate license quantities.
- †† Three regions in a worldwide Prisma Access deployment: 1) North America and South America, 2) Europe, Middle East, and Africa, and 3) Asia, Australia, and Japan.



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Dataplane cache size for URL Filtering‡90,000Management plane cache size for URL Filtering100,000Max URL capacity100,000App-ID¹§Custom App-ID signatures6,000Custom App-IDs5,000	Total entries for URL Filtering allow list, block list, and custom categories	25,000	
Management plane cache size for URL Filtering 100,000 Max URL capacity 200,000 App-ID ^{1,8} Custom App-ID signatures 200,000 Custom App-IDs (200,000) Spool	Max URL Filtering custom categories	2,000	
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App-ID ^{1,8} Custom App-ID signatures 6,000 Custom App-IDs de	Management plane cache size for URL Filtering	100,000	
Custom App-ID signatures 6,000 Custom App-IDs 5,000	Max URL capacity	100,000	
Custom App-IDs 5,000	App-ID ^{†,§}		
	Custom App-ID signatures	6,000	
Routing and Addressing* II	Custom App-IDs	5,000	
	Routing and Addressing‡ II		

Key Notes/Assumptions:

Max unique BGP routes (service)

These numbers are based on HTTP 24K object sizes unless otherwise specified. Other traffic mixes will result in similar but potentially different maximum values.

Leverages GCP Partner Interconnect. GCP Partner Interconnect quotas and limits apply.

- * VLAN attachment dependent. VLAN attachment sizes supported from 100 Mbps to 10 Gbps.
- † These limits are contingent upon the Panorama config size of 254 MB. If the configuration size exceeds 254 MB, the service will not accept any new commits; however, there will be no traffic disruption or service impact.
- ‡ This limit must not be exceeded to ensure there is no traffic disruption and no impact to service continuity.
- § App-ID is a patented traffic classification system only available in Palo Alto Networks firewalls for application identification. App-ID signatures are granular, and the combination of App-ID with URL Filtering enables customers to provide granular control of policies.
- || These numbers are for the service/infrastructure per tenant; they are not per tunnel or per mobile user gateway limits.



Table 3: ZTNA Connector Specifications		
Capabilities	ZTNA Connector	
Throughput		
Throughput per Prisma Access compute location	10 Gbps*	
Throughput per ZTNA connector	1 Gbps	
Total number of connections per tenant	200	
Total number of applications per tenant	4,000	
Maximum number of sessions per connector group	2,000,000	
Maximum number of sessions for a single application per connector	64,000	
Maximum number of applications per connector group	256	

Key Notes/Assumptions:

These numbers are based on HTTP 24K object sizes unless otherwise specified. Other traffic mixes will result in similar but potentially different maximum values.

^{*} Based on internal testing. Performance varies based on customer equipment, customer ISP, and other factors beyond the control of the Prisma Access service.

Table 4: Colo-Connect Service Connection Specifications		
Capabilities	Colo-Connect Colo-	
Throughput per Prisma Access compute location	20 Gbps [*]	
Maximum Colo-Connect service connections per compute locations	1	
Total number of applications per Colo-Connect service connection	N/A	
Maximum number of concurrent sessions per Prisma Access location	2,500,000 @ 20 Gbps, 1,250,000 @ 10 Gbps	

Key Notes/Assumptions:

 $These \ numbers \ are \ based \ on \ HTTP \ 24K \ object \ sizes \ unless \ otherwise \ specified. \ Other \ traffic \ mixes \ will \ result in \ similar \ but \ potentially \ different \ maximum \ values.$

^{*} Based on internal testing. Performance varies based on customer equipment, customer ISP, and other factors beyond the control of the Prisma Access service.