

SPEED UP SECURITY, UNLEASH DEVSECOPS

Provide secure, dynamic and direct access to multiple cloud accounts while improving speed and productivity of developer teams

Maximizing the productivity of developer teams is a top priority for mission stakeholders. However, balancing the speed of development with the reactionary pace of security is a struggle.

Developer teams need to work across multiple cloud accounts without restrictions or delay at a cadence and workflow that allows for maximum productivity. Security teams need to ensure they don't impede the speed of work and innovation while consistently securing access to workloads in development, testing and production environments. They need to avoid imposing massive delays on development teams waiting for permissions to do their jobs.

What's needed is a solution for increasing developer productivity without compromising security and compliance.

The Power of Appgate SDP

As a leading dynamic Zero Trust access solution designed with developers in mind, Appgate SDP allows simultaneous secure connections to multiple accounts to eliminate constant VPN switching. It integrates with existing enterprise systems to decrease approval times for elevated access. And Appgate SDP—built on Zero Trust principles—provides a unified, enterprise-grade solution to reduce operational complexity in today's diverse, hybrid IT environments.

Single client, multiple environments

Appgate SDP provides users secure, frictionless access to the hybrid environments they need to accomplish their work tasks without having to switch between multiple VPNs—saving time and resources that can be refocused on application development.

Infrastructure as code

Developers can automatically create and secure additional environments and gateways based on resource utilization or any other criteria they specify. Appgate SDP is a virtualized platform and can be deployed easily using infrastructure as code, hypervisor templates, or through common cloud marketplaces. Reduce human error and save time by using the same review and release procedures as code.

Automated approvals

Approvals to access various environments can be automated by integration with an enterprise ticketing system or other operational system via RESTful APIs. Developers no longer have to wait for a series of manual approvals for environment access.

BENEFITS

Improved developer experience

Increased developer productivity

Single client access to test, dev and production environments

Automate security directly into existing business workflow/process

Connections are secure and encrypted for each user session individually

Consistent access control across cloud native and hybrid environments

Transparent user experience

Appgate SDP delivers a "segment of one" between the user and their assigned resources, meaning each user has a one-to-one network segment not limited to a single network or account. Admins can easily ensure a single user has access to everything they need no matter what network or account the resource lives on. Users can connect using a single sign-on via an identity provider and have a seamless experience to access their dev and staging environment, production application, build jobs—whatever they need to access, they'll have it.

Programmatic security

Automatically apply security policies based on live entitlements to reduce the efforts of standing up security in dev, test and production environments. Live entitlements leverage metadata to allow enterprises to dynamically change security based on what, where and when, enabling a data-centric approach to Zero Trust.



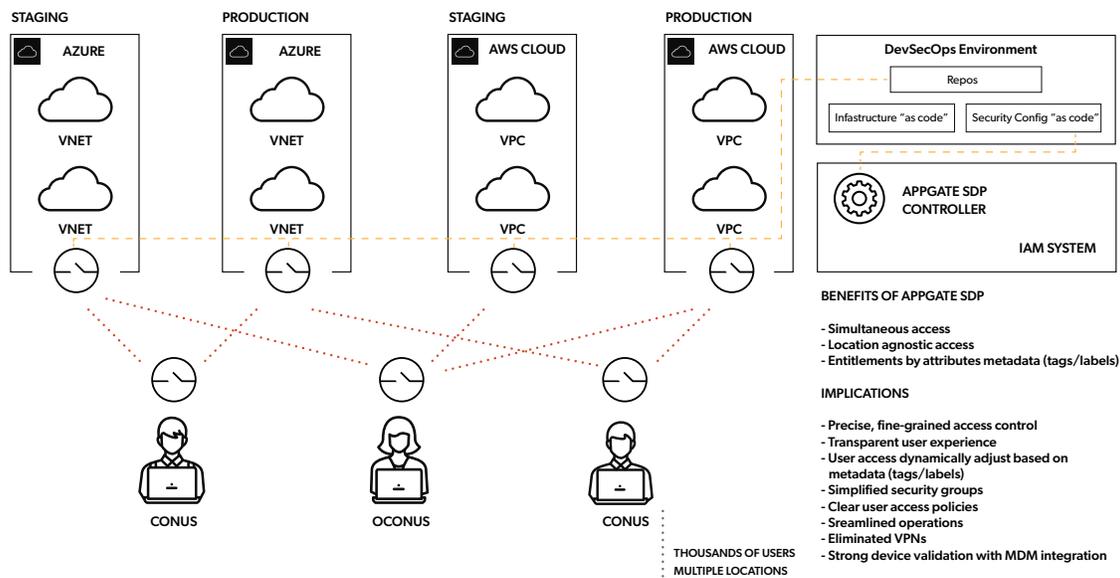
Cloud native access point (CNAP)

The Department of Defense (DoD) Cloud Native Access Point (CNAP) was created to increase network performance and security of remote user access into DoD cloud applications. To help solve these problems, Appgate SDP provides Zero Trust Network Access (ZTNA) within the CNAP program. Prior to Appgate SDP:

- VPN concentrators had a presence on the internet with an open, continuously listening port
- VPN technology was deployed and maintained using manual installation
- Remote users had no direct access to cloud resources, resulting in multiple network hops, increased latency and lower application responsiveness
- Security controls were coarsely defined, allowing users to “connect, then authenticate”

By implementing a Zero Trust architecture with Appgate SDP, the DoD achieved multiple benefits:

- The new software defined perimeter is cloaked by single packet authorization (SPA), that ignores network requests without proper authorization packets
- Appgate SDP software deployment can be completely automated using infrastructure-as-code tools such as Terraform and Cloud Formations
- Remote users have direct access to internal and SaaS-based applications using a patented multi-tunnel driver that connects users to multiple sites in parallel with mTLS resulting in increased performance and integrity of network communication
- All user requests are validated, authorized and authenticated before any network communication is allowed. Using the Appgate SDP policy decision point, the user’s identity and device security posture are checked to meet “comply-to-connect” requirements
- Connections are continuously monitored and may change based on administrator defined controls such as user behavior, security event, group or role change, ITSM event, etc.



Proven Zero Trust for federal agencies

Appgate is a uniquely qualified, Zero Trust market leader serving the federal government sector and was recently named a Leader in the 2021 Forrester ZTNA New Wave report.

Federal designations include:

- Common Criteria Certified
- FIPS 140-2 Validated
- DoD Approval to Operate (ATO) in IL5 environments, certified for SC2S [secret IL6]
- FedRAMP via Rackspace Government Cloud
- Contract vehicles: GSA Schedule, SEWP, DHS, ITES, CDM

To keep pace with federal mandates and the White House Executive Order, Appgate maintains tight alignment with the following:

- DoD ZTRA March 2021
- NIST 800-207 NCCoE Collaborator
- OMB Zero Trust Memo 12 May 2021
- CISA ZT Maturity Model July 2021
- DoD CIO Memo Cloud Native Access Point (CNAP) Reference Design July 2021
- ATARC Zero Trust Lab Performer

About Appgate

Appgate is the secure access company. We empower how people work and connect by providing solutions purpose-built on Zero Trust security principles. This people-defined security approach enables fast, simple and secure connections from any device and location to workloads across any IT infrastructure in cloud, on-premises and hybrid environments. Appgate helps organizations and government agencies worldwide start where they are, accelerate their Zero Trust journey and plan for their future. Learn more at appgate.com/federal-division.