appgate

### Cloud-Routed ZTNA

## Direct-Routed ZTNA WHAT'S THE DIFFERENCE?

# The Disadvantages of Cloud-Routed Zero Trust Network Access

Most Zero Trust Network Access solutions route your traffic through a cloud broker and are good enough to secure remote connections to web apps but can't handle complex network topologies and hybrid infrastructure.



- × Network traffic forced through vendor cloud
- X Network protocol and on-prem resource constraints
- X Throughput, scale, latency and hair-pinning limitations
- × Implicit trust of vendor multi-tenant cloud
- X Hidden or variable costs

# The Advantages of Direct-Routed Zero Trust Network Access

Direct-routed ZTNA avoids vendor cloud pitfalls, puts you in control of how data traverses your network and secures all user-to-resource and resource-to-resource connections from anywhere across your hybrid infrastructure located everywhere.



- ✓ Full control over your network traffic
- ✓ Universal access control for all users, devices and workloads
- ✓ Low-latency, high-availability direct access
- ✓ Flexible deployment options for true Zero Trust architecture
- Predictable pricing

**The Direct-Routed Difference** of Appgate SDP

	(Direct-routed architecture)	Other ZTNA Solutions (Cloud-routed architecture)
Full control over network traffic	YES	NO
Direct access with no hairpinning for on-prem users	YES	NO
Extensive network protocol coverage	YES	NO
Secure on-premises users	YES	LIMITED
Secure legacy applications	YES	LIMITED
Secure IoT/OT devices	YES	LIMITED
Secure server-initiated connections	YES	NO
Direct multi-tunnel, high availability connectivity	YES	NO
Supports air-gapped requirements	YES	NO
Extensive interoperability	YES	LIMITED

Annasta SDP

#### **Appgate SDP** Unified Policy Model

#### **IDENTITIES**





On-prem / Remote / Third-party Users







**User Devices** 





Servers / Containers







Network Device Groups

#### CLOAKED INFRASTRUCTURE

Single packet authorization makes attack surface invisible

#### DYNAMIC AND CONTINUOUS

Privileges automatically modify with changes in context, risk or metadata

#### ATTRIBUTE-BASED ACCESS CONTROL

User, device, risk and context verified prior to access

#### FLEXIBLE AND AGILE (APIs)

Build a cohesive, integrated ecosystem and deliver security-as-code

#### LEAST PRIVILEGE ACCESS

Fine-grained, multi-tunnel access to only what is needed

#### PERFORMANT AND SCALABLE

Stateless and distributed for horizontal scale and performance

#### CORPORATE NETWORKS



Campus Network



HQ/Office



**Branch Office** 



Data Center



Public Cloud / SaaS

#### **RESOURCES**



Cloud-native



**Traditional** 



Web Apps



Legacy / Mainframes



loT/OT/ICS

Design Your Ideal Zero Trust Architecture, **Build a Cohesive Security Ecosystem** 

#### **THINK BIG**

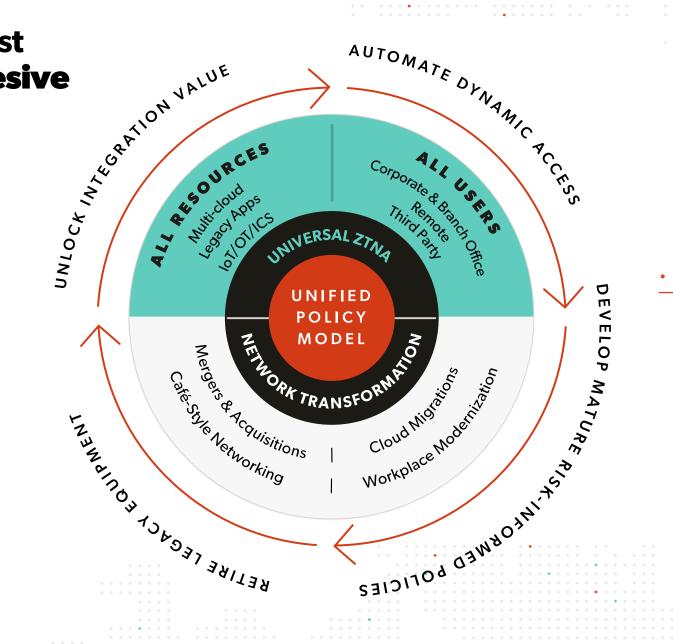
Direct-routed Zero Trust access allows you to transform your network, retire legacy equipment and reach the ideal state of adaptive Zero Trust.

#### **START SMALL**

Your ideal state won't be built in a day. First tackle ZTNA use cases that will address immediate risk and prove value to the business.

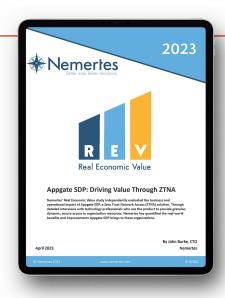
#### **SCALE FAST**

Rapidly deploy universal ZTNA across your full environment to replace legacy tools and integrate with adjacent systems to continue to mature and automate access policies.



### The Case for **Universal ZTNA**

Build your business case with industry-specific case studies and quantifiable data on the value of ZTNA as reported by commercial and federal Appgate SDP customers in the independent Nemertes analyst study.



DOWNLOAD NOW

#### THE PROVEN ROI OF APPGATE SDP

83%

saw significant reduction in number of security incidents

87%

average decrease in time to modify access privileges 32%

average reduction in hands-on staff time to manage access

55%

in security tools to manage on-prem access 67%

decrease in connectivity costs reported by global systems integrator 6%

decrease in gross IT spend reported by IT services provider

#### **Appgate SDP Zero Trust Access:**

#### Designed Differently for a Reason

Transform your network, harden cyber defenses, cut costs and boost operational efficiencies with the industry's most comprehensive universal ZTNA built for your complex hybrid environments. Learn more at <a href="https://www.appgate.com/ztna">www.appgate.com/ztna</a>.

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.

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