

# Citrix NetScaler Gateway and SafeNet Trusted Access



## Citrix NetScaler Gateway

Citrix NetScaler Gateway is a secure access solution, combining IPsec VPN and SSL-VPN capabilities in a single appliance. Administrators get granular control at both the application and data levels, and users can access the information they need from anywhere. With centralized access control and powerful granular security policies that can be based on user identity, endpoint device, and more, NetScaler Gateway delivers better application security, data protection, and compliance management.

## SafeNet Access Management and Authentication Solutions

Access management and multi-factor authentication serve as vital functions within any organization—securing access to corporate networks, protecting the identities of users, and ensuring that users are who they claim to be.

SafeNet Access Management and Authentication Solutions are proven and trusted by thousands of enterprises around the globe. A wide range of authentication methods and form factors, combined with single sign on and flexible access policies allow organizations to address numerous use cases, assurance levels and threat vectors.

## Supported Authentication Methods

- OTP Push
- OTP App
- OTP Hardware
- Pattern-based authentication
- Out-of-band via email and SMS text messages
- Password
- Kerberos
- PKI credentials
- Google Authenticator
- Passwordless authentication
- Biometric
- Voice
- 3rd party

## SafeNet Trusted Access adds multifactor authentication to NetScaler

Today's business demands require that remote users access corporate systems from multiple locations and through multiple devices. Implementing SafeNet Access Management and Authentication solutions with NetScaler Gateway allows organizations to implement the appropriate access security for remote users, facilitating the login experience with single sign on and requiring step up authentication only when needed. This helps reduce the vulnerability of passwords and minimizes the risk of unauthorized access and data breaches.

Fig 1. Authentication data flow

1. User logs into Citrix Netscaler



2. SafeNet Trusted Access validates the user's identity and enforces the appropriate access policy



3. The user is granted access, or required to provide additional authentication per the policy



Citrix Netscaler  
Access Gateway

4. SafeNet Trusted Access approves or rejects the reply and sends it back to the Citrix NetScaler Gateway



SafeNet Trusted  
Access

5. The user is granted or denied access to the network, based on the validation process result.

## SafeNet Trusted Access is Citrix Ready

SafeNet Trusted Access integrates seamlessly with Citrix NetScaler Gateway providing an added layer of access security in the form of access policies, single-sign-on and strong authentication when users log in to online resources via Citrix NetScaler.

## SafeNet Trusted Access Benefits

SafeNet Trusted Access prevents data breaches and helps organizations comply with regulations, allowing them to migrate to the cloud simply and securely.

### Prevent breaches

- Apply different MFA methods and control accesses for each app while eliminating passwords

### Enable cloud transformation securely

- Extend existing access controls to cloud apps and apply consistent access policies to all cloud resources

### Simplify compliance

- Prove compliance with a real-time audit trail of who is accessing which app and how

## About SafeNet Access Management and Authentication Solutions

Thales's industry-leading Access Management and Authentication solutions let enterprises centrally manage and secure access to enterprise IT, web and cloud-based applications. Utilizing policy-based SSO and universal authentication methods, enterprises can effectively prevent breaches, migrate to the cloud securely and simplify regulatory compliance.



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