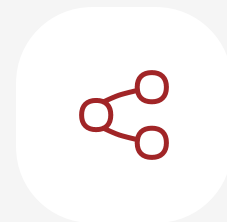




FedNet Service Catalogue

Introduction

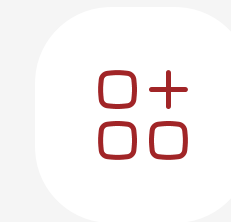
FedNet empowers the Federal Government entities to jumpstart digital transformation for their services through enablers in the following areas:



Connectivity and integration through a secure private network

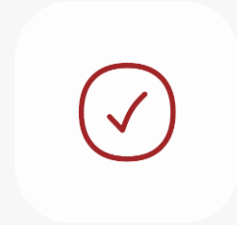


Government cloud ecosystem that is robust and secure



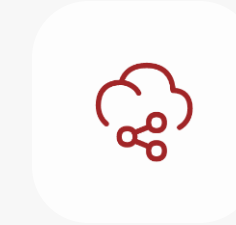
Shared digital government enablers through a range of services and applications

Why choose FedNet?



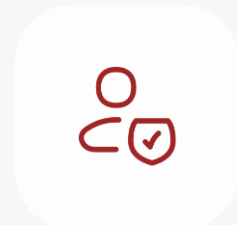
Efficiency

Reduces costs and accelerates time-to-market by capitalizing on economies of scale compared to traditional deployment methods



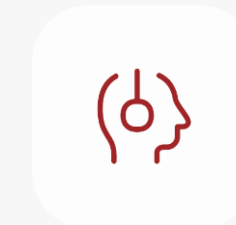
Reliable Connectivity

Enhances operational reliability through state-of-the-art systems and robust backup solutions, ensuring uninterrupted service



Enhanced Security

Ensures data confidentiality and integrity with advanced encryption and continuous monitoring, compliant with regulatory standards, managed by a dedicated Security Operation Center



24/7 Service Desk

Provides round-the-clock access to expert technical support for addressing queries, incidents, and managing service requests

Service Portfolio



Connectivity & integration Services

FedNet Connectivity

G2G Access

Secure Internet Access

SD-WAN as a Service

Advanced Load Balancing as a Service

Government Service Bus

API Marketplace

Application Performance Monitoring



Cloud Services

Infrastructure as a Service

Kubernetes as a Service

GPU as a Service

Database as a Service

App Launchpad

AI Services

Backup as a Service

Disaster Recovery as a Service



Application Services

Email as a Service

mSurvey

Digital Government FileShare

GovSign



Connectivity & Integration Services

FedNet Connectivity

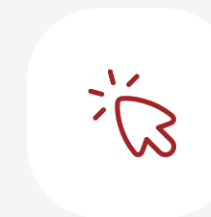
Secure and efficient network connectivity for government entities

MPLS

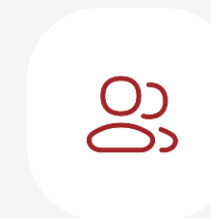
Provides dedicated, high-security MPLS connectivity with carrier-grade reliability and performance, with low latency, designed for handling critical applications

VPN

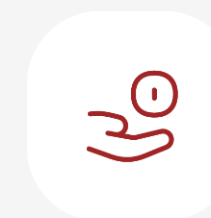
Offers robust private network connections via VPN, enabling secure internet-based access



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Who it is for
Federal government entities



Cost
Covered by the entity

G2G Access

A secure access channel for the exchange of data, interconnecting the government entities

Robust Network Security

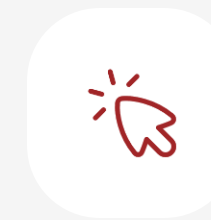
Establishes secure, encrypted network communications across government entities

Access Control Management

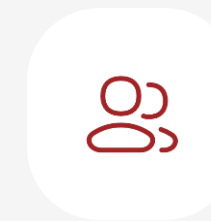
Enables government entities to define access permissions, facilitated through a dedicated security team

Integrated Government Connectivity

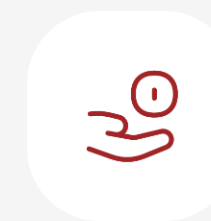
Provides seamless access to government-to-government hosted services and portals



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Who it is for
Federal government entities



Cost
Free

Secure Internet Access

A secure Internet connectivity with high throughput and redundancy

Internet Access

Provides entities with an access to the public Internet

Public Service Access

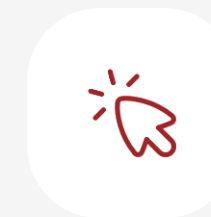
Provides Internet access and assigns dedicated IPs for entity-hosted Internet services

Utilization Insights

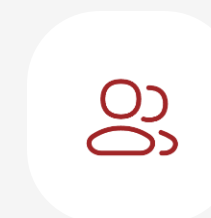
Offers detailed internet utilization statistics

Functional & Security Tools

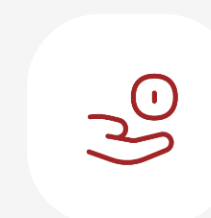
Implements Layer 4 and 7 security with Firewalls and IPS, Web Security Appliance, Email Security Appliance, Hybrid DDoS Protection, and DNS/NTP services



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Who it is for
Federal government entities



Cost
Free

SD-WAN as a Service

SD-WAN, software based virtualization of WAN access between branches, head office, and data center locations

Extensive Coverage

Install SD-WAN edges at branches and data centers, enhancing connectivity across multiple locations

Diverse Connectivity

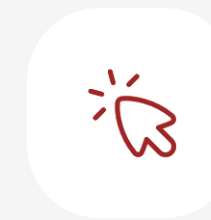
Accommodates various types of internet connections, including MPLS and broadband

Policy Customization

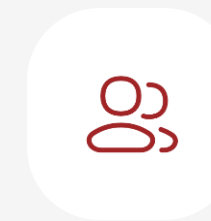
Enables setting specific policies for network traffic handling to optimize performance

Efficient Network Operations

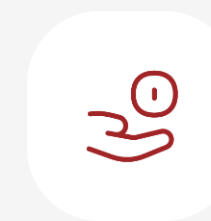
Reduces reliance on physical hardware through advanced virtual management solutions



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Who it is for
Federal government entities



Cost
Covered by the entity

Advanced Load Balancing as a Service

Distributing network traffic across multiple virtual servers and across FedNet data centers to enhance application reliability and performance

Advanced Virtual Server Management

Create, update, and delete virtual servers with Layer 7 load balancing capabilities, to enhance network efficiency

Versatile Load Balancing Tools

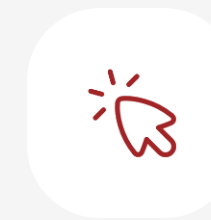
Efficiently create and manage load balancer pools, assign load balancing capabilities to specific virtual servers, and monitor traffic for responsive traffic handling

Global Traffic Management

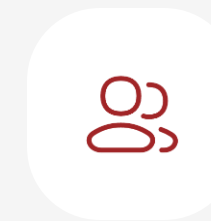
Implement and adjust DNS-based global load balancers on demand, improving traffic flow across regions

Integrated Security

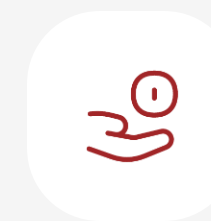
Enhance load balancers with Web Application Firewall settings for advanced threat protection



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Who it is for
Federal government entities



Cost
Free

Government Service Bus

Facilitate seamless integration and information sharing through web services across government entities

Service Consumption

Enables the consumption of hundreds of services provided by various government entities, enhancing inter-agency collaboration

Secure Data Exchange

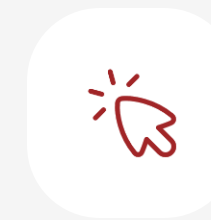
Ensures the secure exchange of data between government entities, maintaining confidentiality and integrity with robust encryption and compliance protocols

Service Publication

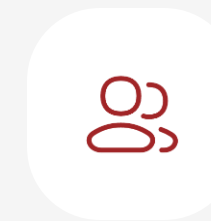
Facilitates the ability to publish services that can be accessed seamlessly by other government entities, promoting resource sharing and interoperability

Real-time Monitoring & Reporting

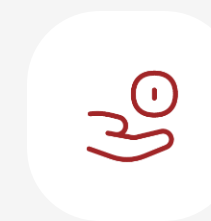
Provides real-time monitoring and reporting of integration processes and performance metrics, enabling timely decision-making and operational efficiency



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Who it is for
Federal & local government entities



Cost
Free

API Marketplace

Enabling private sector entities to leverage government APIs to provide seamless services

Rich Ecosystem of API

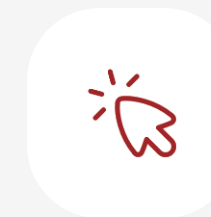
Facilitates access to a wider range of services for the private sector

Secure Data Exchange

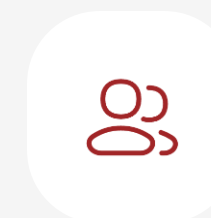
Ensures the secure exchange of data between government entities and the private sector

Service Publication

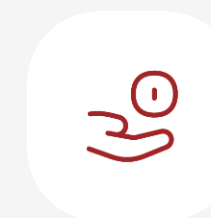
Facilitates the federal government entities with the ability to publish services that can be accessed seamlessly by the private sector



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Who it is for
Federal government entities
Private sector entities



Cost
Free

Application Performance Monitoring

A solution that allows monitoring, troubleshooting, and optimization of applications in real-time

Real-time Application Monitoring

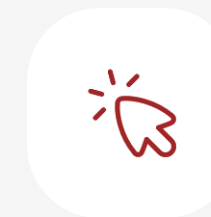
Real-time insights allowing detection of anomalies, assessment of bottlenecks, and understanding of the impact of these issues on user experience

End-to-end Visibility

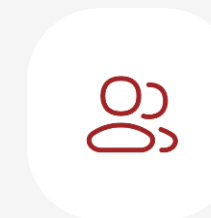
Offers visibility into the entire application ecosystem, including the underlying infrastructure and network, helping with identifying the root causes of performance problems

Business Performance Monitoring

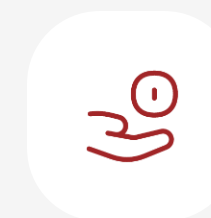
Provides the ability to link application performance to business outcomes



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Who it is for
Federal government entities



Cost
License covered by the entity



Cloud Services

Infrastructure as a Service

Virtualized Data Center (VDC) with shared pool of configurable computing, network and storage resources

Virtualization

Hosting of virtual servers with operating systems compatible with VMware ESXi

Workload Migration

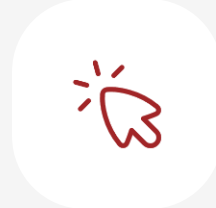
From entity site to FedNet using VMware Cloud Migration tools

VDC Offering

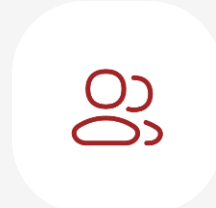
Entity managed or FedNet managed

Tracking and Analysis

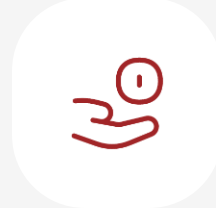
Ability to monitor VMs and application resource utilization, create reports, among other features



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Who it is for
Federal government entities



Cost
Free

Kubernetes as a Service

Easily deploy and manage Kubernetes clusters

Simplified Kubernetes Management

Quickly set up and manage the life cycle of Kubernetes clusters, with tools to update and enhance performance efficiently

Monitoring & DevOps Tools

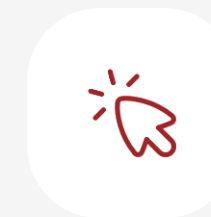
Utilize a full set of tools for seamless container management, improving workflow and deployment speed

Security & Traffic Controls

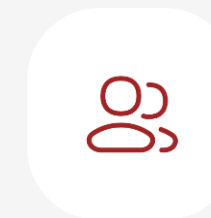
Implement strict security measures within Kubernetes environments with centralized management and encrypted connections

Detailed Application Monitoring

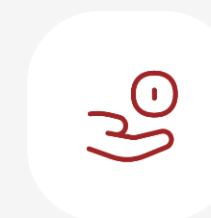
Ensure optimal application performance with real-time monitoring and proactive issue resolution



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Who it is for
Federal government entities



Cost
Free

GPU as a Service

GPU enabled virtual machines to develop and run AI and ML workloads

Access to Libraries

Includes NVIDIA GPU libraries

Scalable Resources

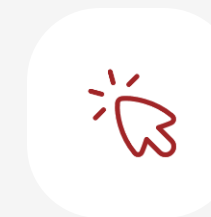
Adjust vGPU resources to scale up or down according to the entity computational requirements

Customizable GPU Allocation

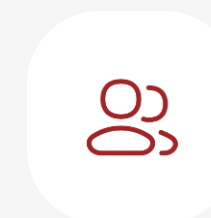
Select from a range of GPU configurations to suit specific needs, available on-demand for virtual machines or containers through vGPU

Real-Time Monitoring

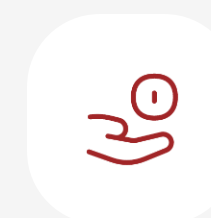
Track vGPU performance in real-time to enable adjustments for optimal performance



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Who it is for
Federal government entities



Cost
Free

Database as a Service

Simplify database management with scalable cloud solutions

Flexible Setup

Easily create clusters or individual instances tailored to your needs

Advanced Management Tools

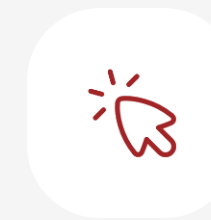
Monitor, snapshot, backup/restore, upgrade, and replicate database instances

Offering

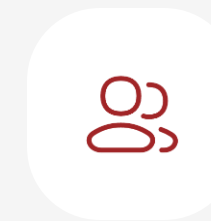
SQL and NoSQL Kubernetes cluster for database

Scalability & Isolation

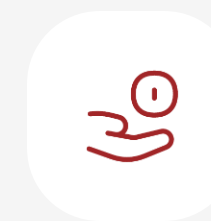
Provides optimal scalability and isolation for databases with Kubernetes containerization



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Who it is for
Federal government entities



Cost
Free

App Launchpad

Easily deploy and manage applications with one-click solutions

Wide Selection of Applications

Provides access to a range of pre-configured applications, ready for immediate deployment

One-Click Installation

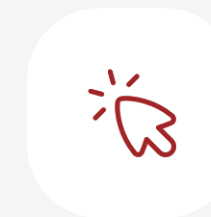
Deploy hundreds of applications with a single click, without managing the underlying infrastructure

Flexible Deployment Options

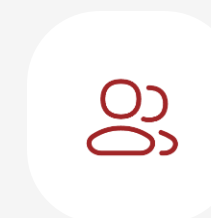
Supports both virtual machines and container-based applications to meet diverse operational requirements

DevOps Compatibility

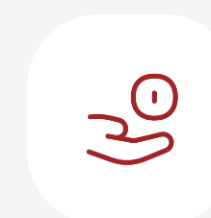
Allows integration with existing development operations to enhance application management and updates



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Who it is for
Federal government entities



Cost
Free

AI Services

Empower Government Applications with Artificial Intelligence (AI)

Comprehensive AI Suite

Access AI services for language, speech, and vision hosted on FedNet

Diverse AI Functionalities

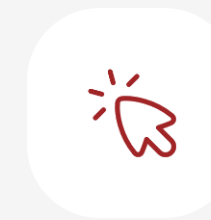
Enhance applications with generative AI technology hosted securely on UAE local cloud

API Access

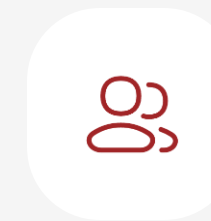
Offers easy integration with APIs through a user-friendly portal, allowing entities to embed AI functionalities into their systems

Customizable and Secure

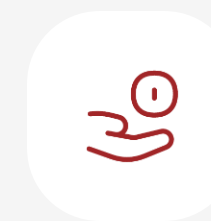
Tailor AI solutions to meet specific needs while ensuring data privacy and security



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Who it is for
Federal government entities



Cost
Free

Backup as a Service

Backup solution for virtual servers and applications hosted on premises or FedNet

Self Service

Self-service portal that can be used by the entity expert user to manage policy-based backup for virtual machines

Simple, Fast & Efficient

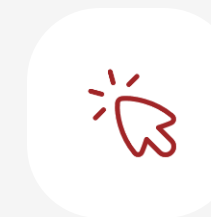
Implement image-level backup and restore capabilities for any workload connected to FedNet, ensuring faster recovery times with simplified management

Support Resources

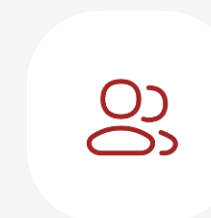
Snapshots, Applications, File System, and Database available as FedNet managed

Data Security

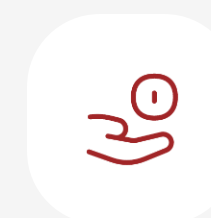
Data at rest encryption is done with enterprise-grade data protection



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Who it is for
Federal government entities



Cost
Free

Disaster Recovery as a Service

Disaster recovery for virtual servers hosted on premises or FedNet

Disaster Recovery Offering

Entity managed or FedNet managed

Full Migration

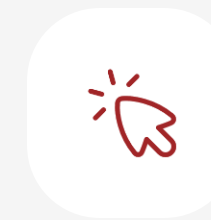
Facilitates full transition from on-premises to FedNet, ensuring data and application continuity

Independent Disaster Drills

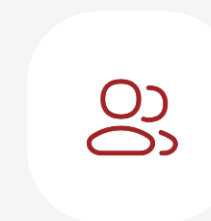
Entities can conduct their own disaster recovery tests without involving FedNet operations

Comprehensive Disaster Recovery Control

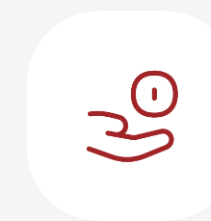
Offers powerful replication, failover, and recovery options tailored to maintain resilience and compliance



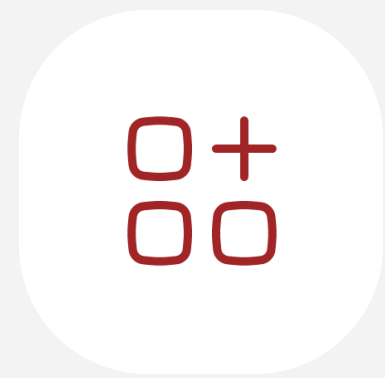
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Who it is for
Federal government entities



Cost
Free



Application Services

Email as a Service

Comprehensive email environment based on Microsoft Exchange

Secure Access

Multi-factor authentication and HTTPS exclusively for FedNet MPLS and IPsec VPN users

Easy Accessibility

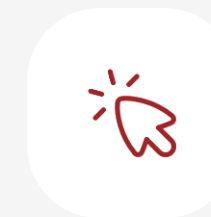
Access from any browser via Outlook WebApp. In addition to statistics such as storage usage, mailbox counts, and user data

Mailbox Management

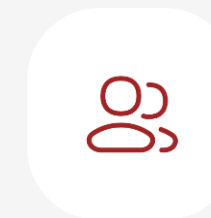
Admins can manage users, mailboxes (2GB to 10GB), and distribution lists, with recovery options available

ActiveSync Compatibility

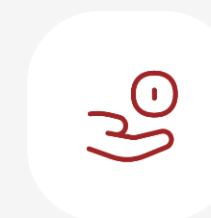
Supports ActiveSync for seamless synchronization with iOS, Android, and Windows devices



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Who it is for
Federal government entities



Cost
Free

mSurvey

A secure online survey tool to collect feedback on services, projects, or policies

Accessibility and Sharing

Intuitive and straightforward self-service web interface for building, testing, and publishing surveys, and broadcasting via email

Seamless Integration

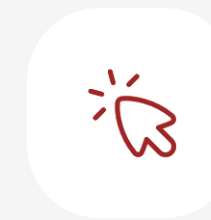
User-friendly interface that integrates effortlessly with existing website and apps

Customization Options

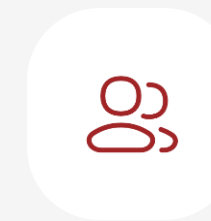
Customizable surveys, including logos and tailored email templates

Advanced Reporting

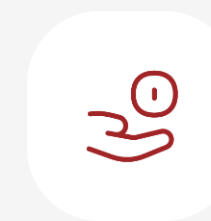
With options for exporting to Excel and generating certificates (such as training completion certificates post-survey)



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Who it is for
UAE government entities



Cost
Free

Digital Government FileShare

Efficiently share and manage sensitive files with enhanced security features

Secure File Management

Offers secure file sharing on FedNet, with enhanced link protection and expiration dates

Editing Security

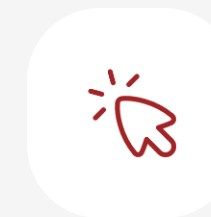
Features file locking to prevent unauthorized changes during editing and facilitates ownership transfers

Version Control

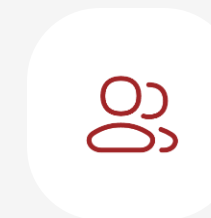
Enables tracking and restoring previous versions of documents for comprehensive version management

File Drop Feature

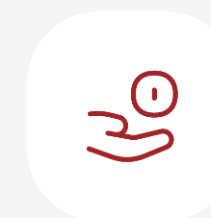
Allows secure and controlled file uploads to a designated folder via a link, simplifying external contributions



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Federal government entities



Cost
Free

GovSign

Simplify government workflows with secure digital signatures and document management

Workflow Automation

Enhances document handling with features including PDF forms and reusable templates

SaaS Customization

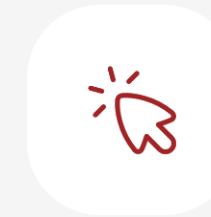
Adapts to the identity of federal entities, with full Arabic language support

UAE PASS Integration

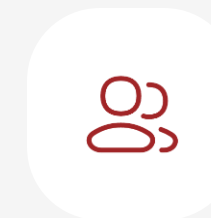
Utilizes UAE PASS for verifying participants and ensuring eSignatures are legally binding

Secure and Scalable

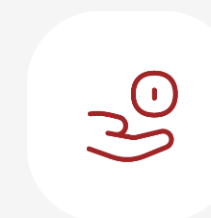
Hosted on FedNet, ensuring top-tier security, scalability, and adherence to local data residency



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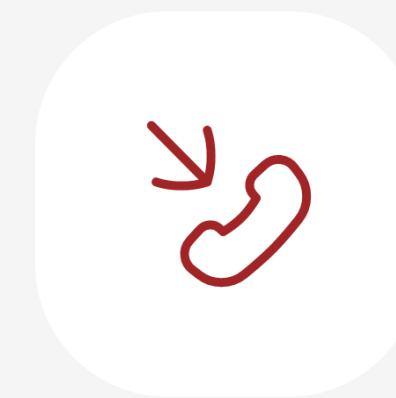
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Covered by the entity



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