

# Cisco Umbrella Cloud Malware Detection

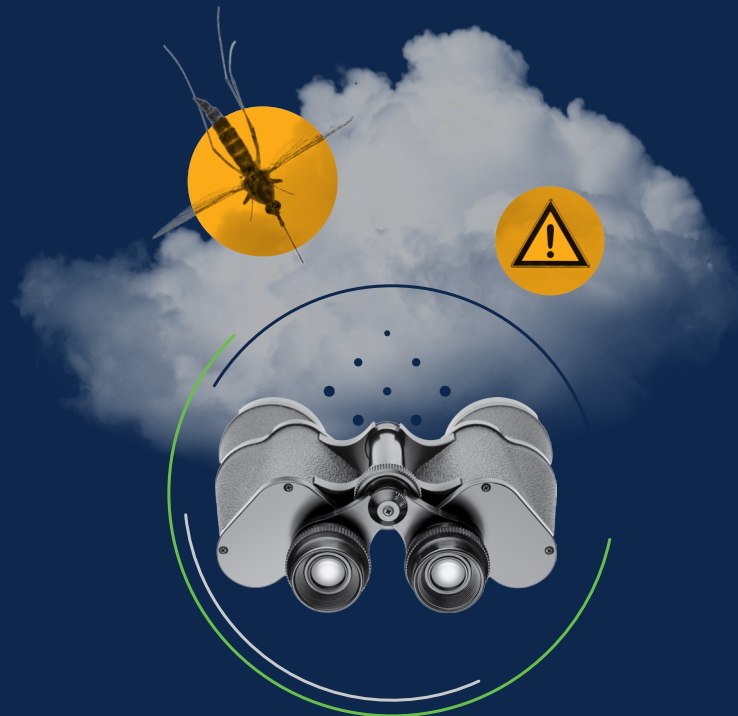
Discover and protect against malware infections from cloud-based services

## Challenges

Cloud-based applications can act as the backbone for an organization's repository of financial data and intellectual property, but one single malware infection can be catastrophic for business operations, customers, and employees. Increased attack surfaces from unmanaged devices and unsecure networks increase the likelihood of a cloud-based malware attack.

## Solution

Cisco Umbrella cloud malware detection detects and removes malware from cloud-based applications and ensures that applications remain malware-free. Once activated, all files in cloud-based services will be hashed and sent for malware scanning automatically. If the file contains malware, it will be flagged so a security admin can begin remediation, including quarantine and/or deletion.

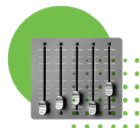


## Key capabilities



### Detect cloud malware presence

Umbrella alerts system administrators to any potentially malicious files in supported cloud applications. Retroactive scanning scans pre-existing and legacy files within the cloud application, while continuous scanning scans pre-existing files that are augmented (edit/share) and new files that are uploaded.



### Remediate cloud malware infections

Once a cloud malware alert has been generated in Umbrella, the administrator can either quarantine and delete the file or dismiss it as a non-threat. This prevents any lateral movement or detonation of the malware within the network.



### Report cloud malware incidents

Umbrella cloud malware reports can be generated to help administrators understand cloud application usage, identify potentially compromised accounts, and get a clear understanding of the volume of threats that exist within the network.

## Results

- Umbrella cloud malware detection found malicious files in 100% of tested customer cloud environments
- Umbrella cloud malware remediation tools helped customers remove malware from their environment
- Customers found the Umbrella cloud malware detection onboarding flow and reporting to be intuitive and helpful

### Currently supported applications

- Box
- Dropbox
- Webex
- Office365/OneDrive

