# CVE Detail – CVE-2020-8994

An issue was discovered on XIAOMI AI speaker MDZ-25-DT 1.34.36, and 1.40.14. Attackers can get root shell by accessing the UART interface and then they can read Wi-Fi SSID or password, read the dialogue text files between users and XIAOMI AI speaker, use Text-To-Speech tools pretend XIAOMI speakers' voice achieve social engineering attacks, eavesdrop on users and record what XIAOMI AI speaker hears, delete the entire XIAOMI AI speaker system, modify system files, stop voice assistant service, start the XIAOMI AI speaker’s SSH service as a backdoor

## Threat-Mapped Scoring

Score: 3.0

Priority: P2 - Serious (High)

## EPSS

EPSS Score: N/A

Percentile: 0.40122

## CVSS Scoring

CVSS v3.1 Score: 6.8

Severity: MEDIUM

## Mapped CWE(s)

* CWE-287: Improper Authentication

## CAPEC(s)

* CAPEC-114: Authentication Abuse
* CAPEC-115: Authentication Bypass
* CAPEC-151: Identity Spoofing
* CAPEC-194: Fake the Source of Data
* CAPEC-22: Exploiting Trust in Client
* CAPEC-57: Utilizing REST's Trust in the System Resource to Obtain Sensitive Data
* CAPEC-593: Session Hijacking
* CAPEC-633: Token Impersonation
* CAPEC-650: Upload a Web Shell to a Web Server
* CAPEC-94: Adversary in the Middle (AiTM)

## ATT&CK Techniques

* T1557: Adversary-in-the-Middle
* T1040: Network Sniffing
* T1185: Browser Session Hijacking
* T1563: Remote Service Session Hijacking
* T1505.003: Web Shell
* T1548: Abuse Elevation Control Mechanism
* T1134: Access Token Manipulation
* T1550.001: Application Access Token

## Used By (Actors/Tools)

* TrickBot (malware)
* cd00r (malware)
* JumbledPath (malware)
* SEASHARPEE (malware)
* VersaMem (malware)
* reGeorg (malware)
* Ursnif (malware)
* AppleSeed (malware)
* BUSHWALK (malware)
* J-magic (malware)
* SslMM (malware)
* Emotet (malware)
* Mafalda (malware)
* P.A.S. Webshell (malware)
* TRANSLATEXT (malware)
* Regin (malware)
* Line Dancer (malware)
* Raspberry Robin (malware)
* BlackCat (malware)
* IcedID (malware)
* GLASSTOKEN (malware)
* ASPXSpy (malware)
* China Chopper (malware)
* SnappyTCP (malware)
* LIGHTWIRE (malware)
* Line Runner (malware)
* Duqu (malware)
* Cuba (malware)
* FoggyWeb (malware)
* Hydraq (malware)
* CreepyDrive (malware)
* Chaes (malware)
* Sagerunex (malware)
* RAPIDPULSE (malware)
* MegaCortex (malware)
* Grandoreiro (malware)
* PULSECHECK (malware)
* MESSAGETAP (malware)
* XLoader (malware)
* Ryuk (malware)
* HermeticWiper (malware)
* OwaAuth (malware)
* Cobalt Strike (malware)
* SUPERNOVA (malware)
* Neo-reGeorg (malware)
* Carberp (malware)
* FRAMESTING (malware)
* SUNSPOT (malware)
* WIREFIRE (malware)
* STEADYPULSE (malware)
* SLIGHTPULSE (malware)
* Penquin (malware)
* Melcoz (malware)
* KillDisk (malware)
* Agent Tesla (malware)
* QakBot (malware)
* Gelsemium (malware)
* Dridex (malware)
* Dok (malware)
* NPPSPY (tool)
* Sliver (tool)
* PowerSploit (tool)
* Impacket (tool)
* Empire (tool)
* PoshC2 (tool)
* Peirates (tool)
* Responder (tool)
* NBTscan (tool)
* Operation Wocao (campaign)
* Velvet Ant (intrusion-set)
* APT41 DUST (campaign)
* ArcaneDoor (campaign)
* Dragonfly (intrusion-set)
* OilRig (intrusion-set)
* Fox Kitten (intrusion-set)
* SolarWinds Compromise (campaign)
* Operation CuckooBees (campaign)
* Sandworm Team (intrusion-set)
* Ember Bear (intrusion-set)
* FIN6 (intrusion-set)
* APT28 (intrusion-set)
* Volt Typhoon (intrusion-set)
* Magic Hound (intrusion-set)
* APT29 (intrusion-set)
* HAFNIUM (intrusion-set)
* APT39 (intrusion-set)
* APT38 (intrusion-set)
* APT32 (intrusion-set)
* APT5 (intrusion-set)
* BackdoorDiplomacy (intrusion-set)
* Kimsuky (intrusion-set)
* Leviathan (intrusion-set)
* Tropic Trooper (intrusion-set)
* 2015 Ukraine Electric Power Attack (campaign)
* Moses Staff (intrusion-set)
* DarkVishnya (intrusion-set)
* FIN13 (intrusion-set)
* GALLIUM (intrusion-set)
* CURIUM (intrusion-set)
* Blue Mockingbird (intrusion-set)
* Versa Director Zero Day Exploitation (campaign)
* BlackByte (intrusion-set)
* Threat Group-3390 (intrusion-set)
* Tonto Team (intrusion-set)
* Agrius (intrusion-set)
* Sea Turtle (intrusion-set)
* Leviathan Australian Intrusions (campaign)
* Salt Typhoon (intrusion-set)
* C0032 (campaign)
* HomeLand Justice (campaign)
* C0017 (campaign)
* APT33 (intrusion-set)
* Cutting Edge (campaign)
* Lotus Blossom (intrusion-set)
* Volatile Cedar (intrusion-set)
* 2022 Ukraine Electric Power Attack (campaign)
* Deep Panda (intrusion-set)
* FrostyGoop Incident (campaign)

## Affected Products

* cpe:2.3:o:mi:mdz-25-dt\_firmware:1.34.36:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:mi:mdz-25-dt\_firmware:1.40.14:\*:\*:\*:\*:\*:\*:\*