NetApp Knowledge Base

Kerberos communication not working using RODC in a CIFS environment

https://kb-stage.netapp.com/on-prem/ontap/da/NAS/NAS-KBs/Kerberos_communication_not_working_…
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Applies to

- NetApp ONTAP 9
- CIFS
- Domain Controller (DC)
  - ReadOnlyDC (RODC)
  - ReadWriteDC (RWDC)
- Kerberos
- Demilitarized zone (DMZ)

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Issue

In a CIFS environment, with only RODC, Kerberos communication is not working

```
secd: secd.unexpectedFailure:debug: vserver (<vserver>) Unexpected failure.
Error: Lookup of CIFS account SID procedure failed
Successfully connected to ip <rodc>, port 445 using TCP
Improper format of Kerberos configuration file (KRB5_CONFIG_BADFORMAT)
Failed to initiate Kerberos authentication. Trying NTLM.
Encountered NT error (NT_STATUS_MORE_PROCESSING_REQUIRED) for SMB command
SessionSetup
Successfully authenticated with DC <rodc>
Could not find Windows SID '<sid>'
FAILURE: SID lookup failed
```

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