Error 45772 - DNS suffix 'x' is not a valid DNS name. Please add only valid DNS names to MSDTC's suffix search list

Last updated by | Vitor Tomaz | Feb 24, 2023 at 3:30 AM PST

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Issue

Customers run into error when setting up DTC Host DNS suffix:

```
45772 - DNS suffix '{0}' is not a valid DNS name. Please add only valid DNS names to MSDTC's suffix search lis
```

Investigation/Analysis

The error indicates that the DNS suffix name does not meet the naming conventions for DNS domain names ⧉

Below Kusto can confirm the issue:

```
let startTime = ago(20d);
let endTime = ago(18d);
let serverName = '>miname<';
MonManagementOperations
| where originalEventTimestamp >= startTime and originalEventTimestamp <= endTime
| where operation_parameters has serverName
| where operation_type == 'UpdateManagedServerDTC'
| project TIMESTAMP , operation_type , PreciseTimeStamp , event , request_id , message, error_code,  operation
```

Sample Output:

TIMESTAMP	operation_type	PreciseTimeStamp	event	request_id	message	error_code	ExternalDnsSuffixSearchListResult	error_message
2022-11-24 11:55:21.1822238	UpdateManagedServerDTC	2022-11-24 11:55:21.1822238	management_operation_start	398522C9-66E9-47A3-A589-E864ADF6964F			{ "string": "e_____s.com,m_____e.com" }	
2022-11-24 11:55:21.1822238	UpdateManagedServerDTC	2022-11-24 11:55:21.1822238	management_operation_failure	398522C9-66E9-47A3-A589-E864ADF6964F		45772	{ "string": "e_____s.com,m_____e.com" }	ManagedServerInvalidMSDTCDNSSuffix

TIMESTAMP	operation_type	PreciseTimeStamp	event
2022-11-24 11:55:21.1822238	UpdateManagedServerDTC	2022-11-24 11:55:21.1822238	management_operation_start
2022-11-24 11:55:21.1822238	UpdateManagedServerDTC	2022-11-24 11:55:21.1822238	management_operation_failur

In the above example, the error occurred since the customer used , to combine 2 DNS domain names which conflicts the [naming conventions for DNS domain names](#) ⧉.

Mitigation

Have customer adjust the domain name to meet the [naming conventions for DNS domain names](#) ⧉ and try again with one domain at a time.

Public Doc Reference

[Naming conventions for DNS domain names](#) ⧉

How good have you found this content?

☺ ☹