

Requests to Falcon IXP returning 502 (Bad gateway)

We are trying to deploy our service (service name: turingingestionservice, namespace: bing-turingatwork) on ixp machine. We are facing two issues: The build is very unstable: The build is getting stuck in "Deploy Service Fabric Application" stage and eventually failed after 2 hours due to timeout. Example: https://msasg.visualstudio.com/Falcon/_build/results?buildId=39284664&view;=logs&j;=275f1d19-1bd8-5591-b06b-07d489ea915a&t;=970f3ee9-9ddf-5752-dad1-f38f4da708c8 Even when the build is successful, example: https://msasg.visualstudio.com/Falcon/_build/results?buildId=39280627&view;=results, we are getting 502 (bad gateway when trying ixp endpoint) The endpoint I am using is: <https://ajharbade-ixp-turingingestionservice.bing-turingatwork.microsoft-testing-falcon.io/keepalive>. No answer found

Nodes unhealthy Error after migrating secrets to PME KV

HealthState: Warning: 17% (8/47) nodes are unhealthy. The evaluation tolerates 5% unhealthy 2023-09-07T15:59:43.8066991Z nodes, or 3 nodes calculated using ceiling., HealthState: Warning: 45% (223/485) 2023-09-07T15:59:43.8067260Z applications are unhealthy. The evaluation tolerates 30% unhealthy applications, or 146 2023-09-07T15:59:43.8067544Z applications calculated using ceiling.} I'm getting this error in the Test step of the release pipeline. Is this because of migrating the secrets to PME and using url-referencing? This is the change that I made in the PR. If not, then how can I fix this issue? No answer found

How to migrate NW secrets from falcon shared KV to AKV

Is there any reference for migrating secrets from shared kv to akv for nightwatch tests. If you are having separate vaults for each region, you might need an overrides file. You can't provide for all in service.json. I assume you are using serviceoverrides for your service having separate keyvault url for each region, so nightwatchoverrides might be required as well.

Common Logging across Snr, Falcon and XAP

Today snr logs into slapi, falcon can log into kusto, Xap logs at plugin level and we can make it to login into kusto. Is there any way we can have all logs at common platform? we are working on scenario where we want to aggregate all the custom logs across platforms. Do we have any platform where we can log from all xap, snr, falcon.

No answer found

Next step after JIT policy is approved

I'm migrating from shared Key Vault to PME Key Vault. I have created a subscription and complete the Auto Approval JIT policy for the service by the guidance of this doc: <https://falcondocs.falcon-core.microsoft-falcon.net/docs/content/ServiceInProduction/AdhocProcesses/CreatingAzurePME.html> I can see the new generated subscription in Service Tree: And the subscription policy on DSCM. As the doc suggested: JIT will create the resources needed in the Azure portal. Does it mean I only need to wait for the JIT build? What else do I also need to do to set up my new subscription on Key Vault? Currently, I still can't see the new subscription on Azure Key Vault portal, how can I add secret and certificate on the new subscription?

No answer found

Keeping Applications in same cluster

I recently noticed that some applications were re-shuffled by Falcon. Is there a way to keep some applications grouped together in the same cluster? We have a worker and coordinator application which should be deployed in the same cluster else it will be degrade the performance since networking across cluster will be a bottleneck. Can someone let me know how the same can be achieved?

No answer found

Unable to re-use falcon container registry for another repository

I have a working build pipeline which builds and pushes the docker image to Falcon container registry - skydrill-titan-pipeline-test - Azure DevOps Services (visualstudio.com) When I try to clone the same pipeline for another repository with msags org, it throws an error - "Step input containerRegistry references service connection 55c58312-63ce-4b6e-ad86-c00a9d6e2fb7 which could not be found. The service connection does not exist or has not been authorized for use" Can you please help and explain what's missing here? Thank you!

This issue is resolved <https://portal.microsoftcm.com/imp/v3/incidents/details/419748123/home>

How can I test url-referenced secrets after migration to PME KV?

how can I test the newly created secrets in the PME KV that are not url-referenced instead of name-referenced? Will night watch tests be enough? My changes are all in service.json. No changes made to service.ini.

You will be required to provide the secret URL since you are bringing your own keyvault. More information here [Secrets](#) You can check the service logs as soon as the deployment starts to test environment, and select Category contains 'startup', this will give you information if the secret was available and retrieved correctly. You can check for watchdog statuses as well in the SF Portal, if your secret was not fetched due to an issue

Falcon Shared KV migration

We are creating our own PME subscription to host the key vault for all of our secrets used in multiple Falcon services. Once the subscription is created and the key vault is set up, only the dev having access to the SAW machine will be able to add a secret into the key vault ?

You can raise a JIT Elevation on the KeyVault under the subscription to set the secret or you can raise a JIT Elevation on the Subscription and add yourself to the AccessPolicy of the KeyVault with necessary set permissions and you will be able to create new secrets in the KeyVault. In order to set the secret through the portal, SAW might be required due to the SAW enforcement policy

Falcon svc deployment failing with UpgradeDomainTimeout

Deployment of the service "TuringAnnbuildindexservice" fails with the following error: StatusMessage: Status: Failed Error: Code: ResourceDeploymentFailure Message: The resource operation completed with terminal provisioning state 'Failed'. Details: InnerError: Code:

ClusterChildResourceOperationFailed Message: Resource operation failed. Operation: CreateOrUpdate. Error details: { "FailureReason": "UpgradeDomainTimeout", "Details": "Updating default service(s)" } Details: Any way to look at the logs and find the underlying cause? This is the 1st deployment after the FalconSDK was upgraded.

as commented by Spandana, All logs can be found at aka.ms/falconlogs, around the time of deployment. Filter by ServiceVersion and ServiceId, you should be able to see what was taking so long to cause upgrade time out

How to get aria ingestion token?

do you know how I can get the aria ingestion token for my services to recreate them in our team's PME KV?

No answer found

Could not load file or assembly 'Newton.Json, Version=13.0.0.0'

While running a Falcon Service I got this error, not sure why i did some tries to clear build and rebuild and install Newton and remove it again it worked but when I was trying to run it again it showed same error, we just need to resolve issue from its root, this is the repo link

https://msasg.visualstudio.com/DefaultCollection/Falcon/_git/PersonalBing

No answer found

EastUS2 Falcon service experiencing timeouts hitting WestUS2 Azure Storage

Our team works on the Universal Print service. One of our services, MPSRegistration, running in EastUS2 started hitting intermittent timeouts when trying to access an Azure Storage Account in WestUS2. Meanwhile, the same version of the MPSRegistration service running in WestUS2 hitting the same WestUS2 Azure Storage Account is not experiencing these timeouts. This problem started happening on August 30th 2023 at around 0940 PST and has continued since then, and we were not doing any deployments when the problem started. This chart shows Nightwatch failures that started happening because of the timeouts, which is how we detected the problem: Here is the stack showing where the timeout is happening. { "Level": 1, "Type": "System.AggregateException", "Message": "Retry failed after 4 tries. Retry settings can be adjusted in ClientOptions.Retry or by configuring a custom retry policy in ClientOptions.RetryPolicy. (The operation was cancelled because it exceeded the configured timeout of 0:01:40. Network timeout can be adjusted in ClientOptions.Retry.NetworkTimeout.) (The operation was cancelled because it exceeded the configured timeout of 0:01:40. Network timeout can be adjusted in ClientOptions.Retry.NetworkTimeout.) (The operation was cancelled because it exceeded the configured timeout of 0:01:40. Network timeout can be adjusted in ClientOptions.Retry.NetworkTimeout.) (The operation was cancelled because it exceeded the configured timeout of 0:01:40. Network timeout can be adjusted in ClientOptions.Retry.NetworkTimeout.)", "StackTrace": " at Azure.Core.Pipeline.RetryPolicy.ProcessAsync(HttpMessage message, ReadOnlyMemory`1 pipeline, Boolean async)\r\n at Azure.Core.HttpPipelineExtensions.ProcessMessageAsync(HttpPipeline pipeline, HttpMessage message, RequestContext requestContext, CancellationToken cancellationToken)\r\n at Azure.Data.Tables.TableRestClient.QueryEntityWithPartitionAndRowKeyAsync(String table, String partitionKey, String rowKey, Nullable`1 timeout, String format, String select, String filter, RequestContext context)\r\n at Azure.Data.Tables.TableClient.GetEntityInternalAsync[T](Boolean async, String partitionKey, String rowKey, Boolean noThrow, IEnumerable`1 select, CancellationToken cancellationToken)\r\n at Azure.Data.Tables.TableClient.GetEntityAsync[T](String partitionKey, String rowKey, IEnumerable`1 select, CancellationToken cancellationToken)\r\n at Microsoft.Falcon.CloudPrint.Common.AzureStorageSdk.AzureTableClient.GetTableEntityAsync[T](String partitionKey, String rowKey, IEnumerable`1 select, CancellationToken cancellationToken, Func`2 exceptionMessageGenerator) in

```

D:\a\_work\1\s\libraries\Common\src\runtime\AzureStorageSdk\Table\AzureTableClient.cs:line
134\r\n at Microsoft.Falcon.MPSRegistration.Storage.BaseStorageContainer.GetDeviceRegistrationEnt
ityAsync(String registrationId) in
D:\a\_work\1\s\services\MPSRegistration\src\Service\Storage\BaseStorageContainer.cs:line
218\r\n at Microsoft.Falcon.MPSRegistration.Controllers.RegisterController.GetPrinterRegistrationStatu
sAsync(String apiVersion, String registrationId) in
D:\a\_work\1\s\services\MPSRegistration\src\Service\Controllers\RegisterController.cs:line
266\r\n at lambda_method5067(Closure , Object )\r\n at Microsoft.AspNetCore.Mvc.Infrastructure.Actio
nMethodExecutor.TaskOfActionResultExecutor.Execute(IActionResultTypeMapper mapper,
ObjectMethodExecutor executor, Object controller, Object[] arguments)\r\n at Microsoft.AspNetCore.M
vc.Infrastructure.ControllerActionInvoker.g__Awaited|12_0(ControllerActionInvoker invoker,
ValueTask`1 actionResultValueTask)\r\n at Microsoft.AspNetCore.Mvc.Infrastructure.ControllerActionInv
oker.g__Awaited|10_0(ControllerActionInvoker invoker, Task lastTask, State next, Scope scope,
Object state, Boolean isCompleted)\r\n at Microsoft.AspNetCore.Mvc.Infrastructure.ControllerActionInv
oker.Rethrow(ActionExecutedContextSealed context)\r\n at
Microsoft.AspNetCore.Mvc.Infrastructure.ControllerActionInvoker.Next(State& next, Scope& scope,
Object& state, Boolean& isCompleted)\r\n at Microsoft.AspNetCore.Mvc.Infrastructure.ControllerAction
Invoker.g__Awaited|13_0(ControllerActionInvoker invoker, Task lastTask, State next, Scope scope,
Object state, Boolean isCompleted)\r\n at
Microsoft.AspNetCore.Mvc.Infrastructure.ResourceInvoker.g__Awaited|26_0(ResourceInvoker invoker,
Task lastTask, State next, Scope scope, Object state, Boolean isCompleted)", "InnerException": {
"Level": 2, "Type": "System.Threading.Tasks.TaskCanceledException", "Message": "The operation was
cancelled because it exceeded the configured timeout of 0:01:40. Network timeout can be adjusted in
ClientOptions.Retry.NetworkTimeout.", "StackTrace": " at Azure.Core.Pipeline.ResponseBodyPolicy.Th
rowIfCancellationRequestedOrTimeout(CancellationToken originalToken, CancellationToken
timeoutToken, Exception inner, TimeSpan timeout)\r\n at
Azure.Core.Pipeline.ResponseBodyPolicy.ProcessAsync(HttpMessage message, ReadOnlyMemory`1
pipeline, Boolean async)\r\n at Azure.Core.Pipeline.LoggingPolicy.ProcessAsync(HttpMessage
message, ReadOnlyMemory`1 pipeline, Boolean async)\r\n at
Azure.Core.Pipeline.RedirectPolicy.ProcessAsync(HttpMessage message, ReadOnlyMemory`1
pipeline, Boolean async)\r\n at Azure.Core.Pipeline.RetryPolicy.ProcessAsync(HttpMessage message,
ReadOnlyMemory`1 pipeline, Boolean async)", "InnerException": { "Level": 3, "Type":
"System.Threading.Tasks.TaskCanceledException", "Message": "A task was canceled.", "StackTrace":
" at System.Net.Http.HttpClient.HandleFailure(Exception e, Boolean telemetryStarted,
HttpResponseMessage response, CancellationTok
Source cts, CancellationTok
cancellationToken, CancellationTok
Source pendingRequestsCts)\r\n at
System.Net.Http.HttpClient.g__Core|83_0(HttpRequestMessage request, HttpCompletionOption
completionOption, CancellationTok
Source cts, Boolean disposeCts, CancellationTok
Source pendingRequestsCts, CancellationTok
originalCancellationTok
)\r\n at
Azure.Core.Pipeline.HttpClientTransport.ProcessAsync(HttpMessage message, Boolean async)\r\n at
Azure.Core.Pipeline.HttpPipelineTransportPolicy.ProcessAsync(HttpMessage message,
ReadOnlyMemory`1 pipeline)\r\n at
Azure.Core.Pipeline.ResponseBodyPolicy.ProcessAsync(HttpMessage message, ReadOnlyMemory`1
pipeline, Boolean async)" } } } Here are a few example Trace IDs and their timestamps in PST:
4BAD0BBB6D7A4020BE4CE134C17EE108, 09-03-2023 17:16:26
54D01A79805F41BEB807794FDCA3306A, 09-03-2023 16:32:03
6ED5F7B93D244AA885C83885DA2861CA, 09-03-2023 15:16:12 I don't know if these trace IDs are
useful, i.e. whether they get plumbed down to the Azure Storage request. The following query shows
how the last example trace ID above shows up in Falcon diagnostics: MPSRegistration fails to provide
a timely response, so the request gets cancelled. In this particular example, the request to Azure
Storage did eventually succeed (rather than failing after 4 timed out retries), but it took 137 seconds, so
the request was still cancelled. I think this is why there is a second, successful "Request finished" event
a long time after the first once. Query Can you please help us understand why these timeouts/delays

```

are occurring?
No answer found

Using auto-rotate enabled Certificates in Falcon

We have recently migrated to using our own KeyVault from Falcon Keyvault. We currently use a certificate hosted in that KeyVault in the code for which we have an S360 item to enable auto-rotate. But Falcon fetches the certificates from KeyVault during deployment. Does this mean we have to re-deploy our falcon services every time a certificate rotation happens for Falcon to use the latest version? It would help if there is any other way since re-deploying on every auto-rotate beats the purpose of no touch policy and might be prone to manual errors

Yes, as per current design in Service Fabric, there is a requirement of redeployment everytime the certificate is autorotated, for the launcher to pick up the latest certificate version.

For falcon migration to personal KeyVault, how many total keyvaults services we need to create?

Reference doc - <https://falcondocs.falcon-core.microsoft-falcon.net/docs/content/ServiceInProduction/AthocProcesses/BYOKV.html> While doing the 2nd step, one doubt that we have is how many total keyvaults we need to create? I understand we need 1 for each environments - Testing, Staging, Production, but production are in 5 regions, so do we need 1 for production or 5 (1 per region)? Thanks, Meghana

Ideal state access from DRIs and SPN (service Principal) are segregated. i.e. DRIs, like SPNs can only access KeyVaults of a single environment at a time. The setup should look like this: __Service |__Testing Subscription |__ Keyvault region A |__ Staging Subscription |__ Keyvault region B |__ Production Subscription |__ Keyvault region 1 |__ Keyvault region 2 |__ Keyvault region 3 |__ Keyvault region 4 |__ Keyvault region 5 With early shortage of subscriptions I understand this might be hard so setup the following Keyvaults: __Service |__PME Subscription |__ Keyvault region A for testing |__ Keyvault region B for staging |__ Keyvault region 1 |__ Keyvault region 2 |__ Keyvault region 3 |__ Keyvault region 4 |__ Keyvault region 5 and only give the SPN for environment A access to Keyvault for environment A.

Not Using Shared Falcon KV, but Builds Blocked

Our builds are currently being blocked due to using shared Falcon KV, but I don't believe we're using it at all? We're in Substrate boundary and have our own KVs (as mandated by Substrate). I also don't see our service in the dashboard that was shared (<https://aka.ms/falcon/BYOKV/Offenders>). Namespace: msai-meetingbot Service: MeetingBot Repo: cortana-meeting-bot - Repos (visualstudio.com) Failing build: Pipelines - Run 0.1.1244 logs (visualstudio.com) EDIT: Seems like failures are intermittent. Can someone confirm whether or not our service is in violation of this ■

There is a bug in validation code which evaluates empty value of secret (defaults configurations in your ServiceOverrides.ini) to be Falcon Shared KV use. We have a PR available to hot fix it. https://msag.visualstudio.com/DefaultCollection/Falcon/_git/FalconTools.PlatformExecutables/pullrequest/4145295?_a=files We will release it soon and update this answer. EDIT: The fix is released. Please queue a new build.

Unhandled exception when attempting to fetch secrets

I'm trying to move our service to use our own Key Vault and have created the 3 new KVs (one for each environment) in our PME Azure Subscription. I have granted Get/List access for Secrets and Certificates to their respective FalconServiceLauncher Service Principals, however I am getting the below error when deploying to staging. Is there other access I need to grant to the SPs to be able to access these values? I have confirmed the URL matches the URL listed in the Key Vault. Access Policy

On Staging Key Vault: PR:

https://msasg.visualstudio.com/Falcon/_git/EdgeServices/pullrequest/4123858 Jarvis Log Error: Unhandled exception when attempting to fetch secrets. Exception: System.ArgumentException: "https://ee-service-staging-kv.vault.azure.net/secrets/AssetStoragePrimaryConnectionString-20210720/235d8550af2749ff9aef4591e912a6ad" is not a valid secret name or secret name with version (Parameter 'secretUrl') at

Microsoft.Falcon.Secrets.AppSecret.ApplicationSecretsFetcher.CreateSecretWithRelativeUrl(String name, Uri secretUrl, Boolean autoFallback) at

Microsoft.Falcon.Secrets.AppSecret.ApplicationSecretsFetcher.CreateSecret(String name, Uri secretUrl, Boolean autoFallback) at

Microsoft.Falcon.Secrets.AppSecret.ApplicationSecretsFetcher.GroupSecretsByVault(IDictionary`2 secretUris, Boolean autoFallback) at

Microsoft.Falcon.Secrets.AppSecret.ApplicationSecretsFetcher.FetchAsync(IDictionary`2 secretUris, CancellationToken cancellationToken, Boolean autoFallback) at Microsoft.Falcon.ServiceLauncher.ServiceFabric.ApplicationSecretsProvider.GetEnvironmentVariablesAsync(CancellationToken cancellationToken)

I am seeing different errors. Could you try removing the whole secrets array from Service.json, and append a new line Value= to the end of each secret in ServiceOverride.ini

Please upgrade Siphon.SDK at Microsoft.Falcon NuGet feed

Would someone please upgrade the "Siphon.SDK" to 1.0.13 at

https://dev.azure.com/msasg/Falcon/_artifacts/feed/Microsoft.Falcon The package is already in the organization scoped feed: https://msasg.visualstudio.com/Falcon/_artifacts/feed/Siphon-SDK and the 1.0.13 version is already published. Why is it not synced to Microsoft.Falcon feed?

I have added 1.0.13 to the feed. This needs to be manually saved to the Microsoft.Falcon feed as of now. This package is not enabled 'Allow externally-sourced versions'.

Deployment failing due to "An upgrade for the application ... is already in progress."

I am trying to move away from Falcon Shared KV to our own Key Vaults, however the staging deployment got stuck due to an error fetching the secret. Error (link): 2023-08-29T21:22:49.0543806Z ##[error]An upgrade for the application 'fabric:/edgebrowser.entityextractiontemplates' is already in progress. The Service Fabric Link shows the deployment is stuck upgrading so I cannot test out new Secret configurations. Is there a way I can restart the nodes to get them into a clean state again so I can re-deploy? All of the Stack Overflow answers I've seen related to this mention deleting/resetting applications, however none give instructions on how to do so

I triggered rollback for your application and it's completed. Unmonitored deployments should only be used when you're unable to deploy your service by regular means. Unmonitored deployments could be stuck there forever if your instance fails to start. You need to involve Falcon DRI through IcM or stackoverflow if this happens again.

Ev2 Deployment - Need help with changes in ARM template

We have a working Ev2 deployment setup, which takes care of deploying our service to Falcon clusters. We are planning to add a new arm templates to deploy some new resources required by our service (in new subscription). What changes we will need to do for Ev2 to deploy resources to the new subscription apart from the changes in templates/servicemodels/rolloutspces etc.

IIRC, I believe that the same Ev2 service principals that you shared with falcon for them to allow deployments in their clusters would also have to be given permissions in your subscription so that the arm template deployment for your resources can also take place correctly.

Message:The request was aborted: Could not create SSL/TLS secure channel

We are seeing recurring issue with SSL/TLS that some of Extensions services are facing for last couple of weeks. Message:The request was aborted: Could not create SSL/TLS secure channel. Couple of times, restarting the affected VMs (this issue is limited to a few VMs and is not service wide), has helped mitigate the issue, but it has recurred couple of times already. Logs:

ServiceName:ExtensionInstallVerifier, TracelId:766FA632D8844527A71B1CF87237C15C, CorrelationId:766FA632D8844527A71B1CF87237C15C, CallId:0HM3PQF5OMN00:00000001-4, Message:Start sending request to URI: https://hk-acquirelicense-mkms.phx.gbl/Crypto/SignDigest/v1; Method: POST ServiceName:ExtensionInstallVerifier, TracelId:766FA632D8844527A71B1CF87237C15C,

CorrelationId:766FA632D8844527A71B1CF87237C15C, CallId:0HM3PQF5OMN00:00000001-4, Message:An error occurred while sending the request., Stack: at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at System.Net.Http.HttpClient.d__58.MoveNext() --- End of stack trace from previous location where exception was thrown --- at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at Microsoft.Falcon.Federation.Http.HttpClientFederationHandler.d__4.MoveNext() ServiceName:ExtensionInstallVerifier, TracelId:766FA632D8844527A71B1CF87237C15C, CorrelationId:766FA632D8844527A71B1CF87237C15C, CallId:0HM3PQF5OMN00:00000001-4, Message:The request was aborted: Could not create SSL/TLS secure channel., Stack: at System.Net.HttpWebRequest.EndGetResponse(IAsyncResult asyncResult) at System.Net.Http.HttpClientHandler.GetResponseCallback(IAsyncResult ar) Can someone please help us debug the issue? If you can point us to a documented way to get better logs or diagnostics information, that you also be very helpful.

It seems that https://hk-acquirelicense-mkms.phx.gbl/Crypto/SignDigest/v1 is not a falcon endpoint. Are you tagging the right team for help?

Evaluate maximum QPS & network bandwidth

****Service registry: ****EdgeShorelineAppIndex Query: Our team is currently preparing to release a business application that is anticipated to generate a peak QPS exceeding10k in total. Specifically, we query the favicon from the object store and use Falcon to process the forwarding. Given this prediction, I am evaluating whether current Falcon server hardware(5 instance Count 10G Memory in 5 DC) is capable of handling such a demanding QPS load. I found a link that can help me test, but I found it has expired, can you tell me the latest

link?<https://falcondocs.asgfalcon.io/docs/content/BuildAndTesting/LoadTests.html> At the same time, we tested our staging server(3 instance Count 10G Memory). We found that during the initial phase, our service would experience a period of time in which it could not process requests correctly, such as the state in the red box in the figure. After testing we found that the maximum QPS that our single DC service can handle is about 1000QPS, but this is not enough and we wanted to find out what is limiting our QPS. To this end we have made some efforts. During test time, only very low CPU and memory usage during the test period. Following the advice of Falcon DRI, we queried CPR but found no useful information. We are looking forward to your response and collaboration in resolving these challenges. No answer found

Falcon/BingAnswers deployment failure

I pushed a PR to Falcon/BingAnswers repo

https://msasg.visualstudio.com/Falcon/_git/BingAnswers/pullrequest/4073231 but the deployment to test bed failed https://msasg.visualstudio.com/Falcon/_releaseProgress?releaseId=3148943&_a=release-pipeline-progress. I checked the error message, which is "2023-08-21T17:55:42.2238555Z

##[error]The Application Manifest file 'bing-answerdata.binganswersmetrics\ApplicationManifest.xml' is not found in the store." But I'm not sure what caused this or how to resolve it. Can you please provide some guidance on it? Thanks, Weicheng

The issue you are facing is linked to the deprecation of the SDK you are using (5.0). You are well past due for migration to SDK 6.*:<https://falcondocs.falcon-core.microsoft-falcon.net/docs/content/ReleaseNotes/Migration-5.0-to-6.0.html>

Dashboard query no results on falcon route counters

Issue: I am creating a dashboard using falcon route counters, but I cannot get results through StatusCode dimension. There are data through Total, and the service has been deployed to prod. Is there any other configuration needed? Repo:

https://msasg.visualstudio.com/Falcon/_git/FV_CommentQuality?path=/services/CommentsQuality

Dashboard: Account: WeatherFinanceMetrics, Namespace: WfReco, Metric:

Route.CommentScoringService.ScoringService

Are you still experiencing this issue? I was able to get data through StatusCode dimension

Help to understand Falcon service returns 503 (ServiceUnavailable) error

Our service (YukonIngestion) keeps returning Http code 503 in falcon staging environment. Here is Geneva logs: <https://jarvis-west.dc.ad.msft.net/20B4FAFA> From the log, the service received request, but falcon returned 503 after 60 seconds. We have difficulties to understand the log. There is no exception thrown during the request (and our service don't catch any exception). Falcon routing logged following message, "yukoningestion: Failed to route request to http://10.58.191.80:24373/ (_general01_19). Status:ConnectFailure". I am not sure what it means, and will it cause any problem?

As described by logs (copied pasted below), the request gets timeout by the gateway service(FabricRouterBackup here) which has a 60s timeout. Please investigate why the service yukoningestion takes that long to handle the request. If it's expected, you can also reference this post to redesign the code logic. ServiceName:FabricRouterBackup,

TraceId:57AE657D80AD4F8FB633A425C4390805,

CorrelationId:57AE657D80AD4F8FB633A425C4390805, CallId:0HLTQAKN5QVDH:00000001-1,

Message:Error 12002 calling WINHTTP_CALLBACK_STATUS_REQUEST_ERROR, 'The operation timed out'. Stack: at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at

System.Threading.Tasks.RendezvousAwaitable`1.GetResult() at

System.Net.Http.WinHttpHandler.d__105.MoveNext()

Where to find falcon express port whitelist?

Where can I find falcon express port whitelist? We are connecting Azure sql server in our falcon service. (I can connect to the sql server normally from my local dev machine.) It seems to fail to connect with TCP/IP protocol and fall back to Named Pipe protocol. But Azure sql server cannot enable named pipes. I'm thinking why it failed to connect with TCP/IP with port 1433. If I need to apply port access for our case? Error returned: A network-related or instance-specific error occurred while establishing a connection to SQL Server. The server was not found or was not accessible. Verify that the instance name is correct and that SQL Server is configured to allow remote connections. (provider: Named Pipes Provider, error: 40 - Could not open a connection to SQL Server)

No answer found

Is there any threshold timeout for falcon service and what is the limit in request payload of falcon service

my question is about falcon request timeout limit and falcon request payload limit. Is there any threshold timeout for falcon service, within which it has to return response else request will timeout? We are building a service to refresh user subscriptions. A Sangam job running every two hours, will pass opids of certain bucket of users to get their subscriptions refreshed. We have two options to implement: Refresh falcon service takes only one opid as input. Sangam job will have to hit "Refresh falcon service" everytime for each opid. This will increase qps of service. "Refresh falcon service" takes a list of opids. Sangam job will pass all opids of the bucket in single request. Downside of this approach is the service will take lot of time(in minutes) and the request payload according to our calculations can go upto 20-25 Mb. What is the request payload limit? Which option do you recommend?

If your request is going through AFD, AFD will return a timeout response after 16 seconds. If your request is not flowing through AFD, at the FabricRouter(application gateway) we have a 60 second timeout. There are no restrictions on the payload size. We can't recommend either of those options. Have you considered background jobs? Please refer to <https://docs.microsoft.com/en-us/azure/architecture/best-practices/background-jobs#event-driven-triggers> . Something like Sangam job puts the opids on a queue and your falcon service dequeues the queue and processes those opids.

falcon processor time per service larger than 100

processor time per service I observed that, if that processor time per service larger than 100, we will have some latency issue. is this phenomenon indicative of the service is eager for adding capacity? <https://falcondocs.falcon-core.microsoft-falcon.net/docs/content/ServiceInProduction/Capacity/Modeling.html> for `process(*)\% processor Time` counter, 100 means it's using 1 cpu core. You can check how many cores your service is allowed to use for that region. TuringBot can use up to 8 cores in NorthEurope so CPU shouldn't be an issue here.

Falcon service cannot connect to Azure sql database

I created Azure sql server and database. I can connect to it normally in my local development machine. But it cannot work in our Testing Env. I am using userId+pwd to authenticate in my code. Is there any configuration I missed? Or Azure sql server is not reachable in Falcon?

Falcon team has cluster firewall rules which may be blocking requests to your SQL server. Please follow FalconDocs guide to see if required port is whitelisted.

FABRIC_E_SERVER_AUTHENTICATION_FAILED: CertificateNotMatched

FABRIC_E_SERVER_AUTHENTICATION_FAILED: CertificateNotMatched Latest release is failing with certificate not matched. Please help us resolve this issue. Release link: https://dev.azure.com/msa/sg/Falcon/_releaseProgress?releaseId=3151298&_a=release-environment-logs&environmentId;=24352398&jobTimelineRecordIdToSelect;=2bb012cc-4447-5cff-4940-3c1290f13bc7&selectTaskWithIndex;=6#

Falcon DRI handled this error already, requeue deployment again.