BLUECAT



DNS rethinked

DNS in komplexen hybriden Umgebungen und wie wir dieses adressieren

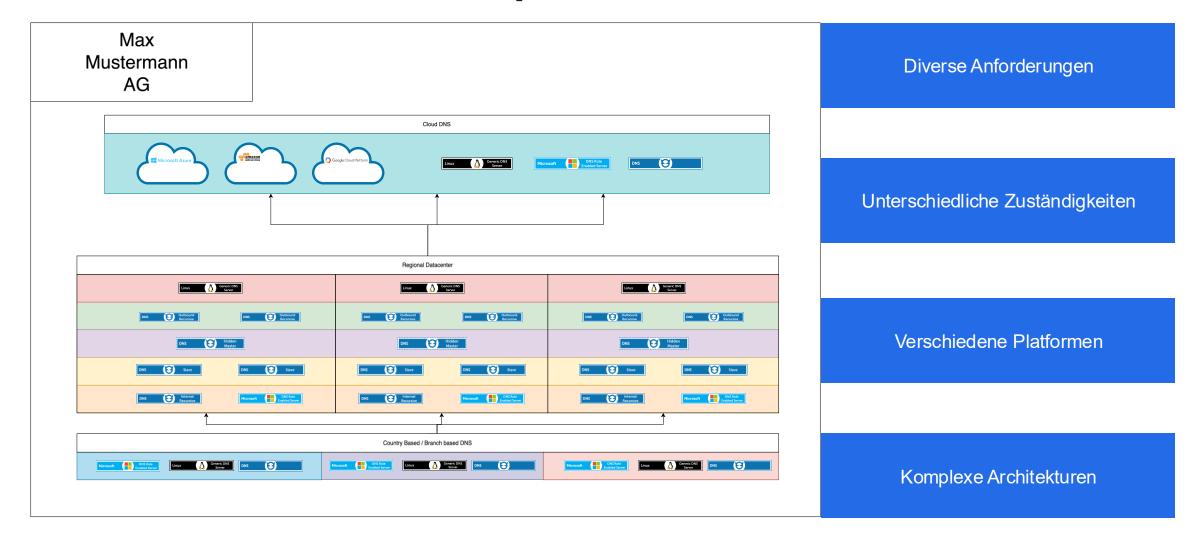


Über was geht es heute?



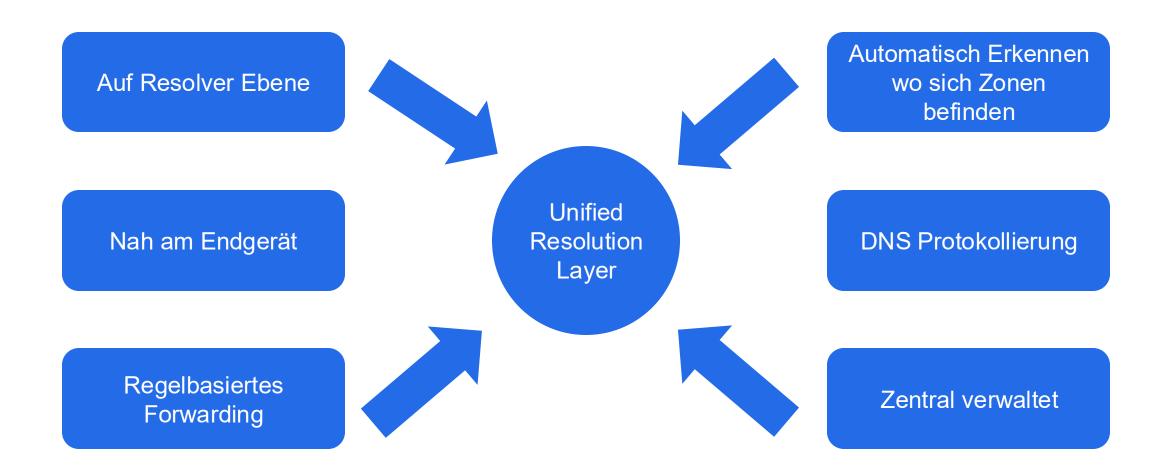


Erste Gedanken zu Enterprise DNS



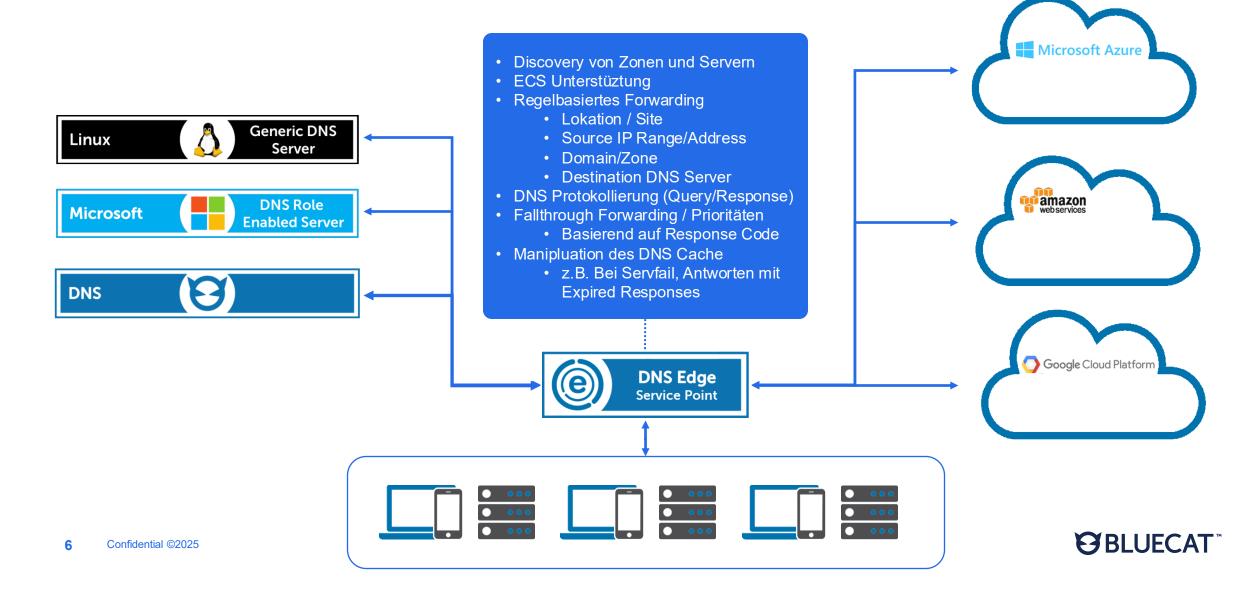


Wie könnte man DNS "intelligenter" machen?





BlueCat Edge Namespaces

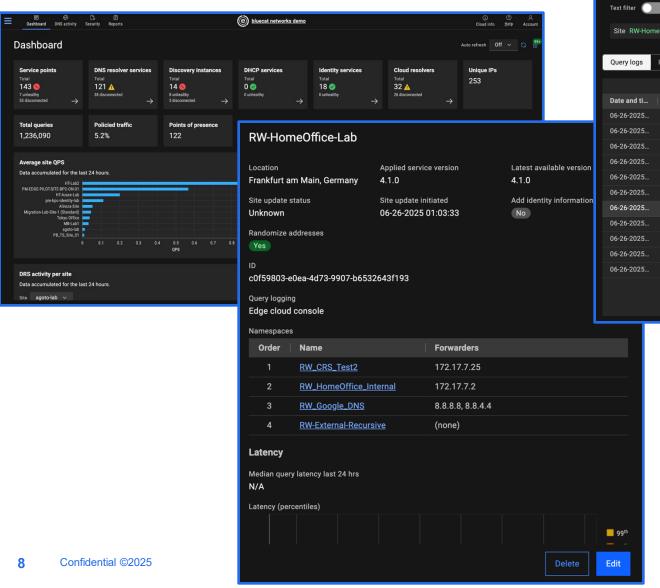


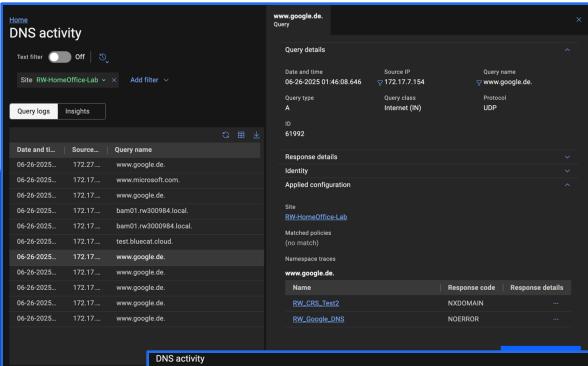
BlueCat Edge

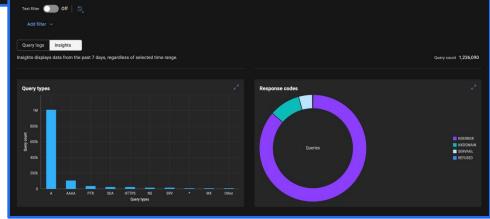
Demonstration



Screenshots



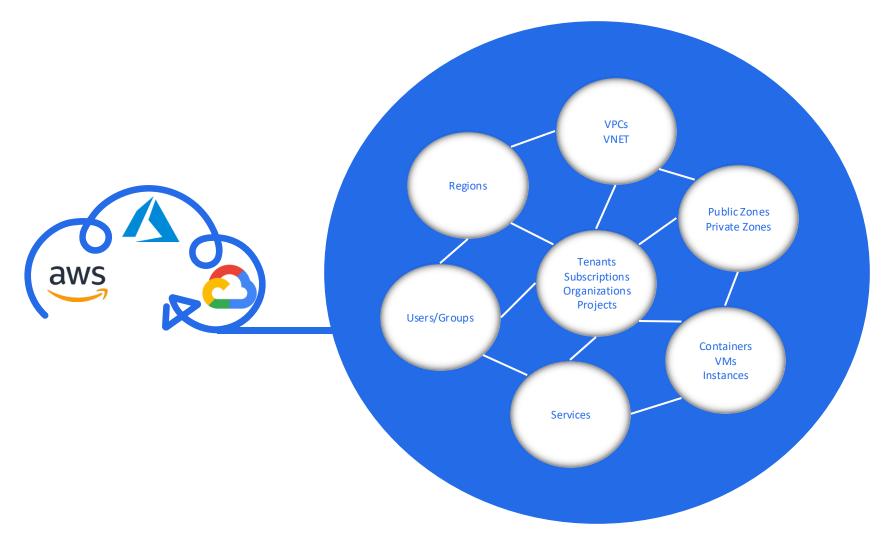




War nicht dein Vortrag über hybride Umgebungen?

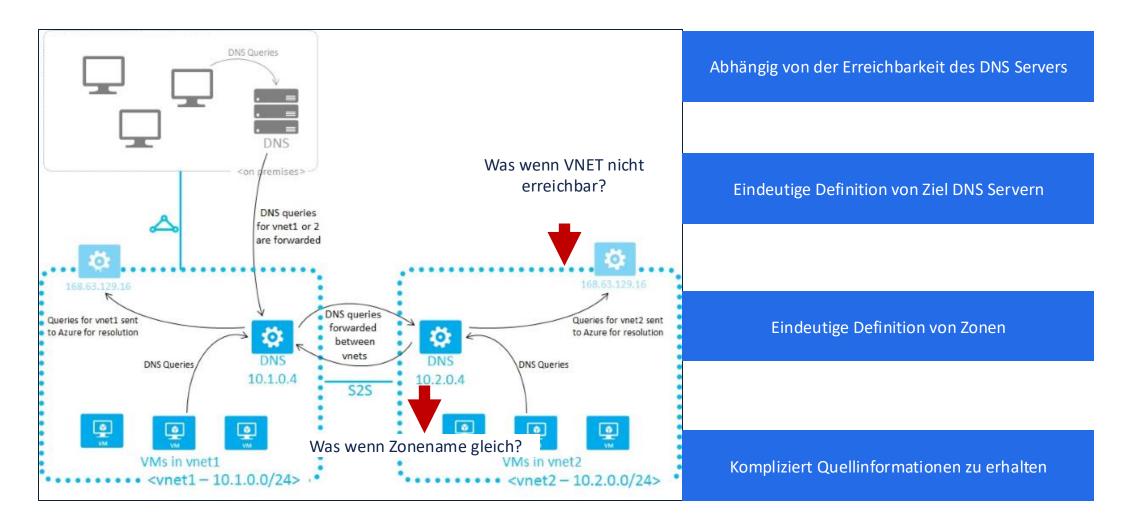


DNS in Cloud Umgebungen ist kompliziert



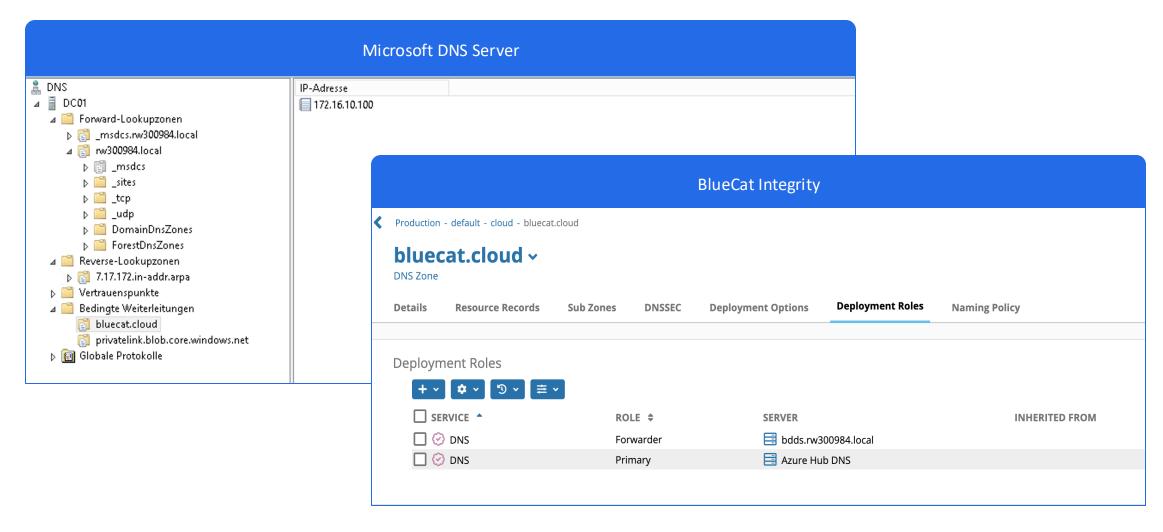


Wir lösen das mit klassischen Forwarding... gute Idee?





Wir lösen das mit klassischen Forwarding... gute Idee?





Geht es nicht irgendwie besser?



Realtime discovery

Discovery von allen DNS-bezogenen Ressourcen wie Netzwerke, private Links, Zonen

Intelligent DNS resolution

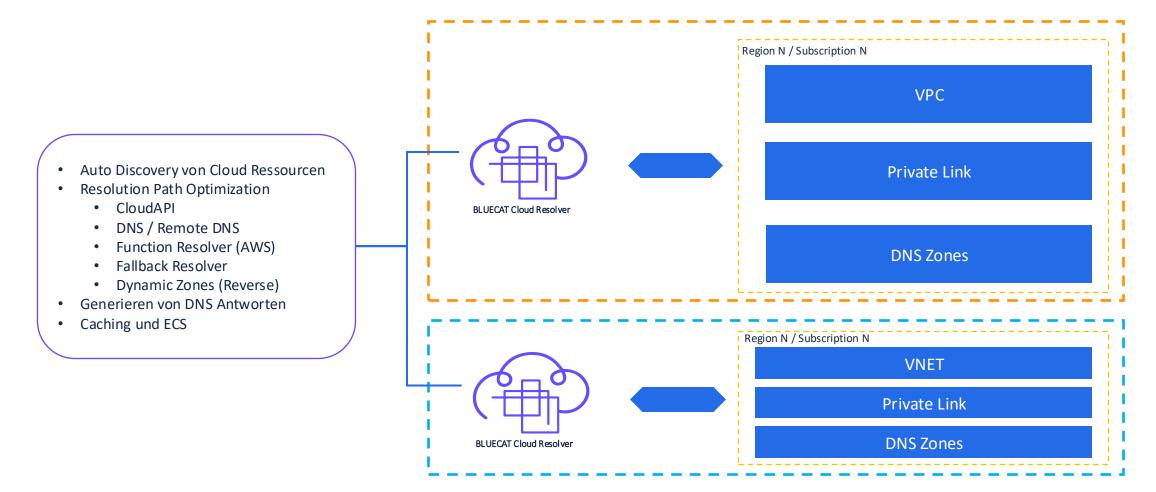
Automatische DNS Resolution Pfad erkennung wie z.B. Remote DNS, Cloud API, Cloud Functions und Fallbacks

Unified resolution layer

Einheitliche Lösung für komplexe Multi Cloud Umgebungen (z.B. AWS, GCP, Azure)



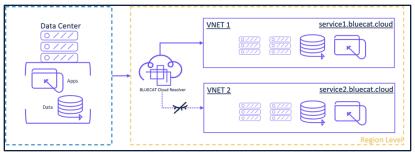
BlueCat Cloud Resolver



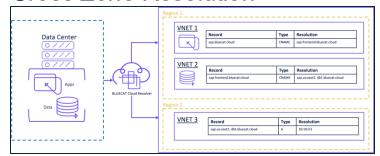


Anwendungsbeispiele

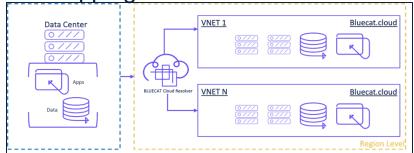
Non Routable



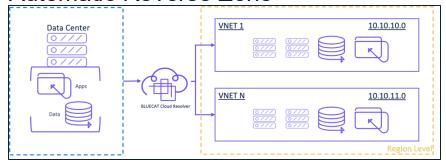
Cross Zone Resolution



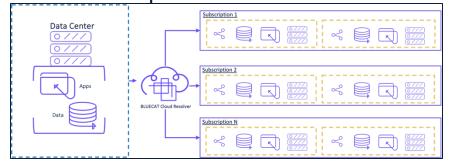
Overlapping Domains



Automatic Reverse Zone



Multi Subscriptions



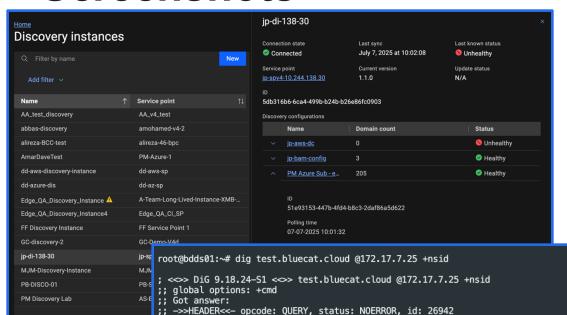


BlueCat CloudResolver

Demonstration



Screenshots



;; OPT PSEUDOSECTION:

;; QUESITON SECITON: ;test.bluecat.cloud.

;; ANSWER SECTION: test.bluecat.cloud.

;; Query time: 0 msec

;; MSG SIZE rcvd: 373

EDNS: version: 0, flags:; udp: 1232

;; flags: gr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

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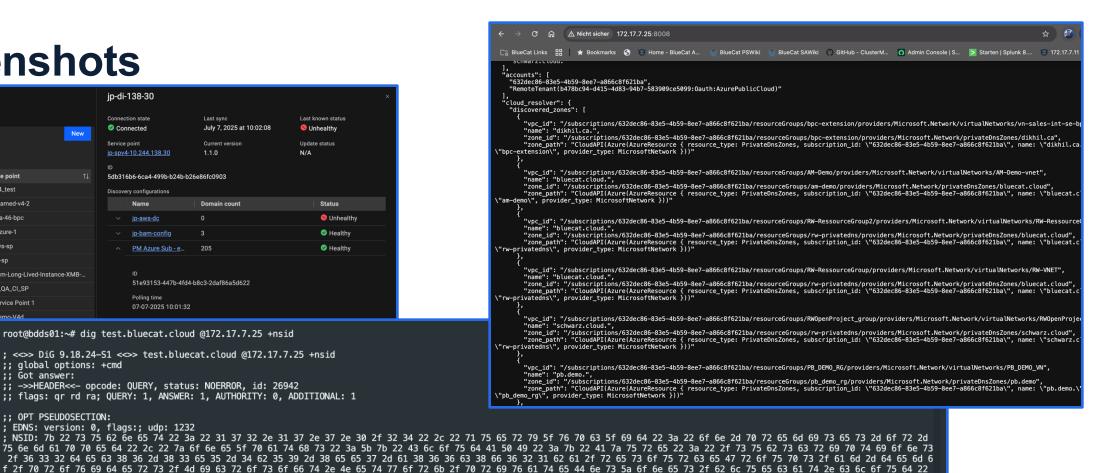
10.100.1.1

3600

;; SERVER: 172.17.7.25#53(172.17.7.25) (UDP) ;; WHEN: Mon Jul 07 10:03:18 CEST 2025

7d 7d 5d 2c 22 63 72 5f 69 64 22 3a 22 33 64 35 34 39 66 64 34 2d 36 68 62 35 32 2d 36 63 25 32 2d 34 35 66 30 2d 62 2d 36 67 37 36 37 36 37 37 31 31 63 22 2c 22 73 6f 75 72 63 65 22 3a 22 63 72 5f 61 75 74 68 22 7d ("{"subnet":"172.17.7.0/24","query_vpc_id":"on-premises-or-unmapped","zone_paths":[{"CloudAPI":{"Azure":"/subscriptions/632dec86-83e5-4b59-8ee7-a866

c8f621ba/resourceGroups/am-demo/providers/Microsoft.Network/privateDnsZones/bluecat.cloud"}}],"cr id":"3d549fd4-6c52-42f0-bbaf-d3619f0a711c","source":"cr auth"}")





Vielen Dank

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