



Ukrainian Local Hosting

A Quick Zone Scan of .UA



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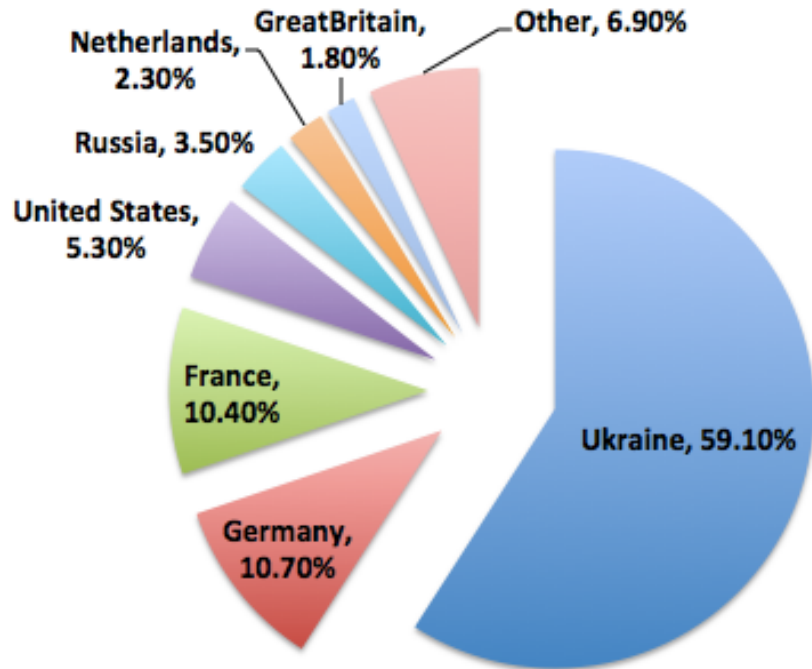
 dyn.com  @dyn

Examining .UA

- First ccTLD in the region to participate in this project
 - We simply resolved the apex domains in the zonefile against the associated authoritative nameservers (including parked domains)
 - Geolocate the answers; identify the origin and upstream transit providers in BGP
 - Distinguish local hosting (in country) from various flavors of remote hosting, and identify key providers



Zone Scan: UA. Apex Domains



59% of Ukrainian content is locally hosted

France, Germany, and the US host another **26%**

Top Local Origins of UA domains

<u>ASN</u>	<u>%Ukraine</u>	<u>Hosting organization</u>
1. AS28907	17.0%	Internet Invest Ltd.
2. AS200000	16.5%	Hosting Ukraine LTD
3. AS21219	6.3%	Datagroup PJSC
4. AS25229	5.8%	Volia
5. AS15497	5.2%	Internet Data Center ColoCALL
6. AS42331	4.6%	PE Freehost
7. AS61297	3.6%	Ante Mediam LLC
8. AS6849	2.8%	Ukrtelecom
9. AS42655	2.5%	ON-LINE Ltd
10. AS43773	2.2%	PE Konstantin Vladimirovich Kravchenko
11. AS197726	1.4%	Ukrainian Internet Names Center LTD
12. AS8788	1.4%	ADAMANT, Ltd.
13. AS42352	1.3%	TOV 'Dream Line Holding'
14. AS24703	1.1%	United Networks of Ukraine, Ltd
15. AS41665	1.0%	Tehnologii Budushego LLC

Top 10 Transit Providers of Locally Hosted UA domains

<u>ASN</u>	<u>% Ukraine Transit provider</u>
1.AS3356	76.70% Level 3
2.AS174	67.70% Cogent
3.AS6762	55.40% Telecom Italia Sparkle
4.AS1299	53.50% TeliaSonera International Carrier
5.AS2914	51.60% NTT
6.AS21219	40.30% Datagroup PJSC
7.AS3257	38.20% GTT
8.AS8359	35.10% MTS OJSC
9.AS21011	26.20% TOP NET PJSC
10.AS6453	24.60% Tata Communications



Top 10 Western Europe Origins of .UA domains

<u>ASN</u>	<u>% WEU UA</u>	<u>Hosting organization</u>
1. AS16276	32.7%	OVH SAS
2. AS24940	23.0%	Hetzner Online AG
3. AS34922	2.3%	NetNames Operations Limited
4. AS12876	2.0%	ONLINE S.A.S.
5. AS16509	1.7%	Amazon
6. AS200130	1.6%	Digital Ocean, Inc.
7. AS60781	1.4%	LeaseWeb B.V. Amazon Data Services Ireland
8. AS39111	1.4%	Ltd
9. AS15598	1.2%	QSC AG
10. AS202018	1.1%	Digital Ocean, Inc.



Top 10 Western Europe Transit Providers

<u>ASN</u>	<u>% WEU UA</u>	<u>Transit Provider</u>
1.AS1299	86.60%	TeliaSonera International Carrier
2.AS3356	80.50%	Level 3
3.AS6453	44.90%	Tata Communications
4.AS2914	41.50%	NTT
5.AS6762	36.90%	Telecom Italia Sparkle
6.AS5511	36.40%	Orange
7.AS3257	36.20%	GTT
8.AS174	35.70%	Cogent
9.AS16276	32.70%	OVH SAS
10.AS33891	23.70%	Core-Backbone GmbH

