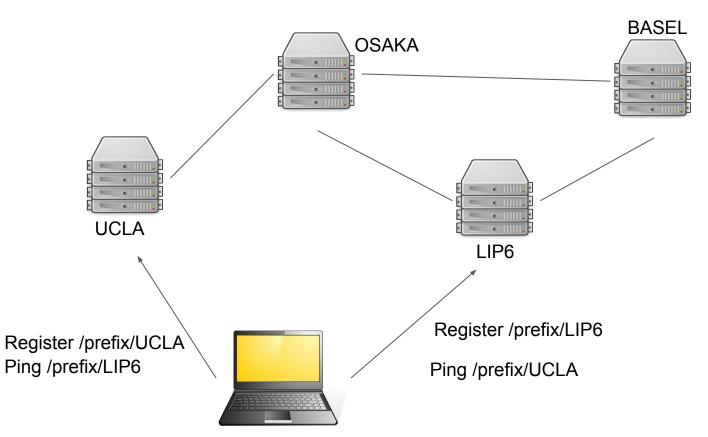
NDN Testbed Monitoring tool

Overview



Features

- PyNDNv2.10b
- Daemon
- Asynchronous events
- Statistics written to python pandas -> CSV/SQL
- Visualisation module
- Signal handling

Results

/UA -	0	46	45	46	46	46	0	45	45	45	0	46	46	46	45	43	44	45	0	45	0	0	0	41	45	
/CSU -	46	0	45	46	46	45	0	45	45	45	0	46	46	46	45	45	45	45	0	45	0	0	0	41	45	
/MICH -	46	46	0	46	46	45	0	46	46	46	0	46	46	46	46	44	39	46	0	46		0	0	46	45	
/UCLA -	46	46	45	0	46	46	0	46	46	46	0	46	46	46	46	43	46	45	0	45		0	0	41	45	
/UCI -	46	46	46	46	0	44	0	45	45	45	0	44	44	46	45	45	46	46	0	46	0	0	0	41	45	
/TONGJI -	45	46	44	45	46	0	0	45	45	46	0	46	46	46	45	45	44	46	0	46	0	0	0	38	45	
/LIP6 -	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
/SYSTEMX -	44	45	45	45	37	44	0	0	46	46	0	43	46	42	46	46	46	46	0	46	0	0	0	39	38	
/URJC -	41	45	45	43		44	0	46	0	46	0	39	43	39	46	46	45	46	0	46	0	0	0	37	37	
/BASEL -	41	44	45	42		44	0	46	46	0	0	41	43	40	46	46	44	46	0	46	0	0	0	38	37	
/BERN -	46	45	45	45	36	44	0	46	46	46	0	45	45	46	46	46	46	46	0	46	0	0	0	39	41	
/WASEDA -		45	44	45	46	46	0	46	45	46	0	0	46	46	46	43	45	46	0	46	0	0	0	38	46	
/ANYANG -	44	46	44	44	45	46	0	46	45	46	0	46	0	46	46	44	45	46	0	46	0	0	0	40	44	
/KISTI -		46	45	45	46	45	0	46	46	46	0	46	46	0	46	45	46	46	0	46	0	0	0	39	44	
/AAU -	43	44	45	44		44	0	46	46	46	0	41	44	40	0	46	44	46	0	46	0	0	0	37	39	
/PADUA -		45	45	45		46	0	46	46	46	0	45	45	42	46	0	46	46	0	46	0	0	0	39	41	
/AVEIRO -		45	45	45		46	0	46	46	46	0	44	46	43	46	46	0	46	0	46	0	0	0	39	41	
30ETTINGEN -		45	45	45	35	46	0	46	46	46	0	46	46	38	46	46	46	0	0	46	0	0	0	39	40	
/OSAKA -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
/MINHO -		44	45	45	36	44	0	46	46	46	0	41	45	42	46	46	46	46	0	0	0	0	0	37	38	
/TNO -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
/UASLP -	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
/CORUNA -	42	45	45	45	37	44	0	46	46	46	0	39	45	43	46	46	46	46	0	46	0	0	0	37	40	
/SAVI -		46	46	46	46	46	0	45	45	45	0	46	46	46	44	45	41	45	0	44	0	0	0	0	45	
IUMBAI_AWS -	1	46	46	44	44	46	0	46	44	46	0	46	45	46	45	45	45	46	0	46	0	0	0	33	0	
	AU/	/csu	/MICH	/UCLA	/NCI	/TONGJI	/LIP6	'SYSTEMX	/URJC	/BASEL	/BERN	WASEDA	/ANYANG	/KISTI	/AAU	/PADUA	AVEIRO	GOETTINGEN	/OSAKA	OHNIM/	/TNO	/UASLP	CORUNA	/SAVI	10MBAL_AWS	
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Lesson learned

- Information are scattered, but getting a cert and setting everything up is easy
- PyNDN was missing ability to set parameters to propagate prefixes (github issue submitted by Davide)
- Several unavailable nodes
- File sharing app with a plug&play setup could be easily done and can increase visibility/let people play with NDN