Company Name	Serial Number	Certificate
Comcast	e2871b211661f84e	-----BEGIN CERTIFICATE----- MIICNzCCAdygAwIBAgIJAOKHGyEWYfhOMAoGCCqGSM49BAMCMG4xCzAJBgNVBAYT AlVTMRUwEwYDVQQIDAxQZW5uc3lsdmFuaWExFTATBgNVBAcMDFBoaWxhZGVscGhp YTEQMA4GA1UECgwHQ29tY2FzdDEfMB0GA1UEAwwWQ29tY2FzdCBTSEFLRU4gUm9v dCBDQTAeFw0yMDAzMTcxNDQ1MTVaFw00MDAzMTIxNDQ1MTVaMG4xCzAJBgNVBAYT AlVTMRUwEwYDVQQIDAxQZW5uc3lsdmFuaWExFTATBgNVBAcMDFBoaWxhZGVscGhp YTEQMA4GA1UECgwHQ29tY2FzdDEfMB0GA1UEAwwWQ29tY2FzdCBTSEFLRU4gUm9v dCBDQTBZMBMGByqGSM49AgEGCCqGSM49AwEHA0IABJSzZzTeNhxovLtywhdzQU10 9JZLkcxXjBV9XB/jgfv9qy9ZJfcP7x9crjSbzBu1+IoG65Qgvg5FGz5W6XR1cKKj YzBhMB0GA1UdDgQWBBSRkMqxhg5PFl6+tTdRP2l55SMbHDAfBgNVHSMEGDAWgBSR kMqxhg5PFl6+tTdRP2l55SMbHDAPBgNVHRMBAf8EBTADAQH/MA4GA1UdDwEB/wQE AwIBhjAKBggqhkjOPQQDAgNJADBGAiEAgfeTR2uclDYaJvRyWW3VBUyhbAWVrAOQ 7ZhPQpJ+cY8CIQDYYvj3djJDGthqwmbJRyxjX3YpxuHsoHR8plf7bHN5dA== -----END CERTIFICATE-----
GBSD Technologies, Inc.	6a396f74ff45ef8f3fde3d03558cf1499570ad75	-----BEGIN CERTIFICATE----- MIICDzCCAbSgAwIBAgIUajlvdP9F748/3j0DVYzxSZVwrXUwCgYIKoZIzj0EAwIw ZTELMAkGA1UEBhMCVVMxDjAMBgNVBAgMBVRleGFzMREwDwYDVQQHDAhGdCBXb3J0 aDERMA8GA1UECgwIR0JTRFRlY2gxIDAeBgNVBAMMF0dCU0RUZWNoIFNIQUtFTiBS b290IENBMB4XDTIxMDMxNTIxMTcyNVoXDTIyMDMxNTIxMTcyNVowZTELMAkGA1UE BhMCVVMxDjAMBgNVBAgMBVRleGFzMREwDwYDVQQHDAhGdCBXb3J0aDERMA8GA1UE CgwIR0JTRFRlY2gxIDAeBgNVBAMMF0dCU0RUZWNoIFNIQUtFTiBSb290IENBMFkw EwYHKoZIzj0CAQYIKoZIzj0DAQcDQgAEOmskKzFdG2ORWw8T6bCpe82iDSgKY/K9 i2zO4xdVqgaN3YmnuykKjr2xCzz1HuwtYCDU12y2RmD2Yw5B+uY986NCMEAwHQYD VR0OBBYEFFE4WDxdEt4FKrdnOw4BxoPvL9vlMA8GA1UdEwEB/wQFMAMBAf8wDgYD VR0PAQH/BAQDAgIEMAoGCCqGSM49BAMCA0kAMEYCIQDqk2APHfGZEXGP6eFjKrgN 60U2NKpZlep5wfpdzLHGoAIhANv193YOQJlZqOSLFjSegrwDLpQkQUJ5ikDNGmBk TITR -----END CERTIFICATE-----
Metaswitch Networks Corp	00bc2898859c29806b	-----BEGIN CERTIFICATE----- MIIBqzCCAVCgAwIBAgIJALwomIWcKYBrMAoGCCqGSM49BAMCMCgxJjAkBgNVBAMM HU1ldGFzd2l0Y2ggU1RJLUNBIFNIQUtFTiBSb290MB4XDTIwMTEyNTExMjEwM1oX DTQwMTEyMDExMjEwM1owKDEmMCQGA1UEAwwdTWV0YXN3aXRjaCBTVEktQ0EgU0hB S0VOIFJvb3QwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAATyreklRBPdqnX38C+h gk2SSlc0wql13TIvWTOt0sme07R9UDramRRqoIR58Qz04CCtO8EPeuZKzqE0Xdb0 RJQoo2MwYTAdBgNVHQ4EFgQUOVRpugxs9p9X0ZsBMUWKoPv/eGowHwYDVR0jBBgw FoAUOVRpugxs9p9X0ZsBMUWKoPv/eGowDwYDVR0TAQH/BAUwAwEB/zAOBgNVHQ8B Af8EBAMCAgQwCgYIKoZIzj0EAwIDSQAwRgIhAN+DEVzNLBjOsq8TbDHbkhO1MDUh vcv6Kxxaj1puvAi5AiEAtbkNa56M4Sip0yLbWTXKdXcqAC5DHxbF4ab45aor220= -----END CERTIFICATE-----
Neustar, Inc.	7f3774d043913aaa01684fd98f1f8a3bca037198	-----BEGIN CERTIFICATE----- MIIEBjCCAu6gAwIBAgIUfzd00EOROqoBaE/Zjx+KO8oDcZgwDQYJKoZIhvcNAQEL BQAwgYExLDAqBgNVBAMMI05ldXN0YXIgQ2VydGlmaWVkIENhbGxlciBJRCBSb290 IENBMRkwFwYDVQQLDBB3d3cuY2NpZC5uZXVzdGFyMSkwJwYDVQQKDCBOZXVzdGFy IEluZm9ybWF0aW9uIFNlcnZpY2VzIEluYzELMAkGA1UEBhMCVVMwHhcNMTkwOTIz MTMyNjAzWhcNMzkwOTIzMTMyNjAzWjCBgTEsMCoGA1UEAwwjTmV1c3RhciBDZXJ0 aWZpZWQgQ2FsbGVyIEIEIFJvb3QgQ0ExGTAXBgNVBAsMEHd3dy5jY2lkLm5ldXN0 YXIxKTAnBgNVBAoMIE5ldXN0YXIgSW5mb3JtYXRpb24gU2VydmljZXMgSW5jMQsw CQYDVQQGEwJVUzCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJJ21OlK IeUlZhhiKKHDyM4ExD88e+ogs2dysFNV0xnyQdVLC4+rrjJgLKFMbyMR/K6IFhYo rEjAU2YCJGeOtFK6iYovJMqfJzfZ9qFrHn61KTg7N1yCmFcIdddr6GJiclPwwQAI GoMG4N/3oSFGTihfek/mrUoHsTNp8+Q2/v97mSTVHvw/WWXjXvUkY4epWxSYebEw mJrmEBmCT/K2ZJn6rhzZD5cgQJiq4G6tfWx6qoXCiaSuGgSKxdhCBFFQd3dKWVgD /T6DqOq1keUwfLVAZzJeDRLXXq09YPbHKaRrBN2yOp8fZUNUonK7yUViSA8m+7v3 T5PUPcDH+L+nA6sCAwEAAaN0MHIwDwYDVR0TAQH/BAUwAwEB/zAfBgNVHSMEGDAW gBQDxFFTZk7gLnzaaVrRHhiUhp4JGzAPBgNVHSUECDAGBgRVHSUAMB0GA1UdDgQW BBQDxFFTZk7gLnzaaVrRHhiUhp4JGzAOBgNVHQ8BAf8EBAMCAYYwDQYJKoZIhvcN AQELBQADggEBAEIHuI04hnW1Eur3sqc2FRbYcCZC4uhcGEGD0tnUyiy7IksPPumE fuwfwUJGV5g73SIWBTFjkzaE3UQzfoIBVrtcG0oWCVSpPnvrEyiDkVAMbQ31lsjQ 3Pi7pXse6jOCDJ91NY1rcJhJ0lNfHR2vzHAPw7J8opa05t6B/cKTWMVBr6M0xOmd kKtpPNsLnkQc7Q36HrsU2o7q6crRJg8LgUyi7vB16KDTAjlISRcoJDFAAqZ6/PXe XDOwzinmOPQn8iCS9JUPWdd1/+ZAfz+7clFz+hje90PXj66Zg520KyTdqchC09Sn JCwvB0YGsUz4yOdbn86pC1BRVJZSLGHgjAQ= -----END CERTIFICATE-----
Peeringhub In	00964cde05a5e76c9e	-----BEGIN CERTIFICATE----- MIICEDCCAbWgAwIBAgIJAJZM3gWl52yeMAoGCCqGSM49BAMCMGsxCzAJBgNVBAYT AlVTMRcwFQYDVQQKDA5QZWVyaW5naHVilEluYzEiMCAGA1UECwwZQ2VydGlmaWNh dGlvbiBBdXRob3JpdGllczEfMB0GA1UEAwwWUGVlcmluZ2h1YiBJbmMgUm9vdCBD QTAeFw0yMDEyMTcxNTMxMDRaFw00MDEyMTIxNTMxMDRaMGsxCzAJBgNVBAYTAlVT

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		MRcwFQYDVQQKDA5QZWVyaW5naHViIEluYzEiMCAGA1UECwwZQ2VydGlmaWNhdGlv biBBdXRob3JpdGllczEfMB0GA1UEAwwWUGVlcmluZ2h1YiBJbmMgUm9vdCBDQTBZ MBMGByqGSM49AgEGCCqGSM49AwEHA0IABOnrCNZEAIQT3yv/Z2pcR/NtTuNf7k3p jojYhYvA83uMCzdu9KIG+LdDwFcioZPF027ks4CaeenplBMGhNMkVnajQjBAMA4G A1UdDwEB/wQEAwIBhjAPBgNVHRMBAf8EBTADAQH/MB0GA1UdDgQWBBQc6aJG/+sT GtSS54L0Yo7+BaJ/zzAKBggqhkjOPQQDAgNJADBGAiEA/rriu3nwg8fan3oUilA+ 12PM+zuj6XfE7Ay92wNItTwCIQCrkOhIJG0L2Mg/wpDJPTWO4gaTpGqYbdexFlsi nEAaFg== -----END CERTIFICATE-----
Sansay	009920c8683147890d	-----BEGIN CERTIFICATE----- MIICUDCCAfWgAwIBAgIJAJkgyGgxR4kNMAoGCCqGSM49BAMCMIGKMQswCQYDVQQG EwJVUzETMBEGA1UECAwKQ2FsaWZvcm5pYTESMBAGA1UEBwwJU2FuIERpZWdvMRsw GQYDVQQKDBJTYW5zYXkgQ29ycG9yYXRpb24xEjAQBgNVBAsMCVNhbnNheSBDQTEh MB8GA1UEAwwYU0hBS0VOIFNhbnNheSBSb290IENBIFVTMB4XDTIwMDgyMTAxMjIw NFoXDTQwMDgxNjAxMjIwNFowgYoxCzAJBgNVBAYTAlVTMRMwEQYDVQQIDApDYWxp Zm9ybmlhMRIwEAYDVQQHDAlTYW4gRGlZ28xGzAZBgNVBAoMElNhbnNheSBDb3Jw b3JhdGlvbjESMBAGA1UECwwJU2Fuc2F5IENBMSEwHwYDVQQDDBhTSEFLRU4gU2Fu c2F5IFJvb3QgQ0EgVVMwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAASOkTqogGQs 88flZEkSWFOrBiQHhV10YenZr86BmkYb131nPE8AJVF3diojafQYMKKFdP8qA4hs sBxW9yW9iG8Po0IwQDAdBgNVHQ4EFgQUCq7/lvCbQaO9332/bdpFqOgEG7kwDwYD VR0TAQH/BAUwAwEB/zAOBgNVHQ8BAf8EBAMCAgQwCgYIKoZIzj0EAwIDSQAwRgIh APTTm0wwyVjLrrwl20kbOgNMNVjAwLtcv6CnxWhoT20uAiEAuc9rBh4u+s9GBKU6 R2PXFnQ7ViZsZyZ5uyrP8VY/djo= -----END CERTIFICATE-----
T-Mobile US	0e1f	-----BEGIN CERTIFICATE----- MIICBjCCAaugAwIBAgICDh8wDAYIKoZIzj0EAwIFADBNMQswCQYDVQQGEwJVUzEU MBIGA1UEChMLVE1PQklMRS1VU0ExKDAmBgNVBAMTH1RNT0JJTEUtUFJPRC1ST09U LVNUSVJTSEFLRU4tRUMwHhcNMTkwOTE5MjAxMjAyWhcNNDQwOTE4MjAxMjAyWjBN MQswCQYDVQQGEwJVUzEUMBIGA1UEChMLVE1PQklMRS1VU0ExKDAmBgNVBAMTH1RN T0JJTEUtUFJPRC1ST09ULVNUSVJTSEFLRU4tRUMwWTATBgcqhkjOPQIBBggqhkjO PQMBBwNCAASkBvB4/v9K6e2gJESiPLFTW0HW9u1tJVaD+AF7SLkFUpHj89lqT5m+ v3PoBbt6NjEacsl6n7q37pGfbrA8Jzxbo3kwdzAfBgNVHSMEGDAWgBSD6W6bpOOt 86MfODQwnn6hS7sJ1zAdBgNVHQ4EFgQUg+lum6TjrfOjHzg0MJ5+oUu7CdcwDgYD VR0PAQH/BAQDAgGmMBEGA1UdIAQKMAgwBgYEVR0gADASBgNVHRMBAf8ECDAGAQH/ AgEBMAwGCCqGSM49BAMCBQADRwAwRAIgTimHZEmDJ1qY+NoOE0vWjbFGC/ABB1vS kIFnAMu/xaUCIEF9yPw3mFC0TA4DiPtR4md516yZ82mLnW/+ekdU1bGh -----END CERTIFICATE-----
TransNexus	5dea7b6f	-----BEGIN CERTIFICATE----- MIIB+jCCAaCgAwIBAgIEXep7bzAKBggqhkjOPQQDAjBjMQswCQYDVQQGEwJVUzET MBEGA1UEChMKVHJhbnNOZXh1czEiMCAGA1UECxMZQ2VydGlmaWNhdGlvbiBBdXRo b3JpdGllczEbMBkGA1UEAxMSVHJhbnNOZXh1cyBSb290IENBMB4XDTE5MTIwNjE1 MzE1MVoXDTM5MTIwNjE2MDE1MVowYzELMAkGA1UEBhMCVVMxEzARBgNVBAoTClRy YW5zTmV4dXMxIjAgBgNVBAsTGUNlcnRpZmljYXRpb24gQXV0aG9yaXRpZXMxGzAZ BgNVBAMTElRyYW5zTmV4dXMgUm9vdCBDQTBZMBMGByqGSM49AgEGCCqGSM49AwEH A0IABBruq6o/uavusaTObzfyhBCRRtjq1AYV/MbpzXdAp8kmVMuW4niG7kBI9IQh A9NqlgBTTsNWtWebIzI8McoomRWjQjBAMA4GA1UdDwEB/wQEAwIBhjAPBgNVHRMB Af8EBTADAQH/MB0GA1UdDgQWBBQOce/DBugaJcaun2m64ZKDUvtwXjAKBggqhkjO PQQDAgNIADBFAiAEqR12ARH1/3hwamNFgL2b5WsPyiUL5z2CQZOmmiiIrAIhAK9A BWWQaJXAQHbo0HIhmwTieOwcz90vsEtBruqDxnTb -----END CERTIFICATE-----
TransNexus	647b90f06ce9879f6bf6cacae05568c0	-----BEGIN CERTIFICATE----- MIICDDCCAbKgAwIBAgIQZHuQ8Gzph59r9srK4FVowDAKBggqhkjOPQQDAjBmMQsw CQYDVQQGEwJVUzETMBEGA1UEChMKVHJhbnNOZXh1czEiMCAGA1UECxMZQ2VydGlm aWNhdGlvbiBBdXRob3JpdGllczEeMBwGA1UEAxMVVHJhbnNOZXh1cyBSb290IENB IEcyMB4XDTIwMTEwNDAwMDAwMFoXDTQ1MTEwMzIzNTk1OVowZjELMAkGA1UEBhMC VVMxEzARBgNVBAoTClRyYW5zTmV4dXMxIjAgBgNVBAsTGUNlcnRpZmljYXRpb24g QXV0aG9yaXRpZXMxHjAcBgNVBAMTFVRyYW5zTmV4dXMgUm9vdCBDQSBHMjBZMBMG ByqGSM49AgEGCCqGSM49AwEHA0IABORFCjUfX81JXNcMFSzpofTJsm9MAOMUxDlz /aDK9vzjiZflUkdZA9Z1gveSck5PmyMxmIiOJ2TSw96bnOj96oejQjBAMA8GA1Ud EwEB/wQFMAMBAf8wDgYDVR0PAQH/BAQDAgEGMB0GA1UdDgQWBBR3nV+xPvo9U2Xf rVgBRvG0bmJmtjAKBggqhkjOPQQDAgNIADBFAiAeMOsGifTYQl8tbQTbns8q50Qv 2Bi3KgLvJDBFjEOCdwlhAOd2Eh5v3oxQvjoTOrhPAT1FXeD34v+rL7idL4LBkkgh -----END CERTIFICATE-----

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