Cheatography

BGP Cheat Sheet Cheat Sheet by teenoko via cheatography.com/82009/cs/19961/

BGP Operation		FSM			BGP Messages		Attributes	
Phase 1 - TCP Both BGP	Phase 2 - BGP Capbalities Exchange After the TCP Session	Phase	State Name	Next Succes- sfull State Connect	Open - Init request for session	r a BGP	Attributes Drigin AS-Path Next-Hop Local Preference Atomic Aggregate	Description Origin telling you where the NLRI comes from (HZF, EGF, eric incomplete) AS-Path telling you have many AS that have been traversed by the NLRI to the distilant Next Hop telling which protocol that can be used by the NLRI to reach the distilation calcular Href Ia metric in BSP polosity. The NLNI/Work that have highest Loc Parel's ch as acciler route in most table, default value Loc-Parel 100
<section-header></section-header>		TCP TCP TCP	Idle(Start) Connect Active(If TCP fails)	OpenSent OpenSent	Update - Exchange NLRI between peers Notification - Indicate an error and closes session KeepAlive -		Aggregator 860 spectrum Aggregator 860 spectrum Community Community MED (Multi Exit Descriminator) MED like Originator-ID RF of generation	formed. Its set automatically to indicate a loss of AS path information when a rou regate receive as of aprefix from other ASes P speaker performing route aggregation may add the aggregator attribute to indic n ASN and router-ID. munutry like a label for the NRI/Prefix, its very useful when you want to grouping
		BGP	OpenSent	OpenCo- nfirm			Attributes	
		BGP	OpenCo- nfirm	Establ- ished!	Response Messages Maintains	-	Well- Known Mandatory	Must be present in every BGP Update
					session RouteRefn Requests a peer reser routes it ad at session	a BGP nd the dvertised	Well- Known Discre- tionary	Recognized by all BGP implementations, but may or may not be present in the Update message
					ement. BGP Time Connect	ers 120		
					Retry Hold Time	seconds 90 seconds		
					Keep Alive	30 seconds		



P Router

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