

MultiCast

On h1, run "route add -net default dev h1-eth0"

On h2, run "route add -net default dev h2-eth0".

For starting MultiCast on h1 and h2 use commands

"/simple_multi 224.1.2.3 9999 10.0.0.1"

and

"/simple_multi 224.1.2.3 9999 10.0.0.2".

respectively.

```
Activities Term Thu 11:01 mininet@mininet-vm: ~
File Edit View Search Terminal Tools Help
mininet@mininet-vm: ~
[Group6@group6d ~]$ ssh -X mininet@192.168.106.101
ssh: connect to host 192.168.106.101 port 22: No route to host
[Group6@group6d ~]$ ssh -X mininet@192.168.106.101
ssh: connect to host 192.168.106.101 port 22: Connection refused
[Group6@group6d ~]$ ssh -X mininet@192.168.106.101
mininet@192.168.106.101's password:
Welcome to Ubuntu 13.04 (GNU/Linux 3.8.0-19-generic 1686)

 * Documentation:  https://help.ubuntu.com/
Your Ubuntu release is not supported anymore.
For upgrade
http://www.ubuntu.com/

mininet@mininet-vm: ~$ route add -net default dev h1-eth0
mininet@mininet-vm: ~$ ./simple_multi 224.1.2.3 9999 10.0.0.1
bash: ./simple_multi: No such file or directory
mininet@mininet-vm: ~$ ./simple_multi 224.1.2.3 9999 10.0.0.1
bash: ./simple_multi: No such file or directory
mininet@mininet-vm: ~$ ./simple_multi 224.1.2.3 9999 10.0.0.2
bash: ./simple_multi: No such file or directory
mininet@mininet-vm: ~$ cd multi
mininet@mininet-vm: ~/multi$ ./simple_multi 224.1.2.3 9999 10.0.0.2
*** Creating multicast group 224.1.2.3 on interface 10.0.0.2 - joined
*** Adding
*** Adding
h1 h2
*** Adding
s1
*** Adding
[h1, s1]
*** Config
h1 h2
*** Start
*** Starting mininet
s1
*** Starting CLI:
mininet> start h1 h2
mininet>
```

Node: h1 (on mininet-vm)

mininet	h1	h2	h3	h4	h5	h6	h7	h8	h9	h10	h11	h12	h13	h14	h15	h16	h17	h18	h19	h20	h21	h22	h23	h24	h25	h26	h27	h28	h29	h30	h31	h32	h33	h34	h35	h36	h37	h38	h39	h40	h41	h42	h43	h44	h45	h46	h47	h48	h49	h50	h51	h52	h53	h54	h55	h56	h57	h58	h59	h60	h61	h62	h63	h64	h65	h66	h67	h68	h69	h70	h71	h72	h73	h74	h75	h76	h77	h78	h79	h80	h81	h82	h83	h84	h85	h86	h87	h88	h89	h90	h91	h92	h93	h94	h95	h96	h97	h98	h99	h100	h101	h102	h103	h104	h105	h106	h107	h108	h109	h110	h111	h112	h113	h114	h115	h116	h117	h118	h119	h120	h121	h122	h123	h124	h125	h126	h127	h128	h129	h130	h131	h132	h133	h134	h135	h136	h137	h138	h139	h140	h141	h142	h143	h144	h145	h146	h147	h148	h149	h150	h151	h152	h153	h154	h155	h156	h157	h158	h159	h160	h161	h162	h163	h164	h165	h166	h167	h168	h169	h170	h171	h172	h173	h174	h175	h176	h177	h178	h179	h180	h181	h182	h183	h184	h185	h186	h187	h188	h189	h190	h191	h192	h193	h194	h195	h196	h197	h198	h199	h200	h201	h202	h203	h204	h205	h206	h207	h208	h209	h210	h211	h212	h213	h214	h215	h216	h217	h218	h219	h220	h221	h222	h223	h224	h225	h226	h227	h228	h229	h230	h231	h232	h233	h234	h235	h236	h237	h238	h239	h240	h241	h242	h243	h244	h245	h246	h247	h248	h249	h250	h251	h252	h253	h254	h255	h256	h257	h258	h259	h260	h261	h262	h263	h264	h265	h266	h267	h268	h269	h270	h271	h272	h273	h274	h275	h276	h277	h278	h279	h280	h281	h282	h283	h284	h285	h286	h287	h288	h289	h290	h291	h292	h293	h294	h295	h296	h297	h298	h299	h300	h301	h302	h303	h304	h305	h306	h307	h308	h309	h310	h311	h312	h313	h314	h315	h316	h317	h318	h319	h320	h321	h322	h323	h324	h325	h326	h327	h328	h329	h330	h331	h332	h333	h334	h335	h336	h337	h338	h339	h340	h341	h342	h343	h344	h345	h346	h347	h348	h349	h350	h351	h352	h353	h354	h355	h356	h357	h358	h359	h360	h361	h362	h363	h364	h365	h366	h367	h368	h369	h370	h371	h372	h373	h374	h375	h376	h377	h378	h379	h380	h381	h382	h383	h384	h385	h386	h387	h388	h389	h390	h391	h392	h393	h394	h395	h396	h397	h398	h399	h400	h401	h402	h403	h404	h405	h406	h407	h408	h409	h410	h411	h412	h413	h414	h415	h416	h417	h418	h419	h420	h421	h422	h423	h424	h425	h426	h427	h428	h429	h430	h431	h432	h433	h434	h435	h436	h437	h438	h439	h440	h441	h442	h443	h444	h445	h446	h447	h448	h449	h450	h451	h452	h453	h454	h455	h456	h457	h458	h459	h460	h461	h462	h463	h464	h465	h466	h467	h468	h469	h470	h471	h472	h473	h474	h475	h476	h477	h478	h479	h480	h481	h482	h483	h484	h485	h486	h487	h488	h489	h490	h491	h492	h493	h494	h495	h496	h497	h498	h499	h500	h501	h502	h503	h504	h505	h506	h507	h508	h509	h510	h511	h512	h513	h514	h515	h516	h517	h518	h519	h520	h521	h522	h523	h524	h525	h526	h527	h528	h529	h530	h531	h532	h533	h534	h535	h536	h537	h538	h539	h540	h541	h542	h543	h544	h545	h546	h547	h548	h549	h550	h551	h552	h553	h554	h555	h556	h557	h558	h559	h560	h561	h562	h563	h564	h565	h566	h567	h568	h569	h570	h571	h572	h573	h574	h575	h576	h577	h578	h579	h580	h581	h582	h583	h584	h585	h586	h587	h588	h589	h590	h591	h592	h593	h594	h595	h596	h597	h598	h599	h600	h601	h602	h603	h604	h605	h606	h607	h608	h609	h610	h611	h612	h613	h614	h615	h616	h617	h618	h619	h620	h621	h622	h623	h624	h625	h626	h627	h628	h629	h630	h631	h632	h633	h634	h635	h636	h637	h638	h639	h640	h641	h642	h643	h644	h645	h646	h647	h648	h649	h650	h651	h652	h653	h654	h655	h656	h657	h658	h659	h660	h661	h662	h663	h664	h665	h666	h667	h668	h669	h670	h671	h672	h673	h674	h675	h676	h677	h678	h679	h680	h681	h682	h683	h684	h685	h686	h687	h688	h689	h690	h691	h692	h693	h694	h695	h696	h697	h698	h699	h700	h701	h702	h703	h704	h705	h706	h707	h708	h709	h710	h711	h712	h713	h714	h715	h716	h717	h718	h719	h720	h721	h722	h723	h724	h725	h726	h727	h728	h729	h730	h731	h732	h733	h734	h735	h736	h737	h738	h739	h740	h741	h742	h743	h744	h745	h746	h747	h748	h749	h750	h751	h752	h753	h754	h755	h756	h757	h758	h759	h760	h761	h762	h763	h764	h765	h766	h767	h768	h769	h770	h771	h772	h773	h774	h775	h776	h777	h778	h779	h780	h781	h782	h783	h784	h785	h786	h787	h788	h789	h790	h791	h792	h793	h794	h795	h796	h797	h798	h799	h800	h801	h802	h803	h804	h805	h806	h807	h808	h809	h810	h811	h812	h813	h814	h815	h816	h817	h818	h819	h820	h821	h822	h823	h824	h825	h826	h827	h828	h829	h830	h831	h832	h833	h834	h835	h836	h837	h838	h839	h840	h841	h842	h843	h844	h845	h846	h847	h848	h849	h850	h851	h852	h853	h854	h855	h856	h857	h858	h859	h860	h861	h862	h863	h864	h865	h866	h867	h868	h869	h870	h871	h872	h873	h874	h875	h876	h877	h878	h879	h880	h881	h882	h883	h884	h885	h886	h887	h888	h889	h890	h891	h892	h893	h894	h895	h896	h897	h898	h899	h900	h901	h902	h903	h904	h905	h906	h907	h908	h909	h910	h911	h912	h913	h914	h915	h916	h917	h918	h919	h920	h921	h922	h923	h924	h925	h926	h927	h928	h929	h930	h931	h932	h933	h934	h935	h936	h937	h938	h939	h940	h941	h942	h943	h944	h945	h946	h947	h948	h949	h950	h951	h952	h953	h954	h955	h956	h957	h958	h959	h960	h961	h962	h963	h964	h965	h966	h967	h968	h969	h970	h971	h972	h973	h974	h975	h976	h977	h978	h979	h980	h981	h982	h983	h984	h985	h986	h987	h988	h989	h990	h991	h992	h993	h994	h995	h996	h997	h998	h999	h1000
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