Season 29

Type	captured at	game build	memory dump completeness	links	Comment
Generic	02.07.2026	R5pc_r5-291_J84_CL11262393_2026_07_02_15_15	51%	**No IDB Present**	***work in progress**

> **Possible integration of new cheat detection:** It seems like Apex has added some code that is part of an AI cheat detection solution. Currently, their approach seems to not deploy it for every player, but use an A/B testing system that Is externally controlled. It seems to be still in experimentation stage in Season 29, maybe they will roll it out globally later. This specific dump might not contain much besides strings initially (for the AI anti cheat related stuff), but you can manually fix up the dump to discover the code covering A/B testing implementation and their configuration schema for the whole thing.

EDIT: For locating the A/B rollout routine, check **%DUMP_BASE%+0x2CEE50.** Additionally, a wrapped function calling said routine is being assigned to a pointer within an object in the function at **%DUMP_BASE%+0x422BFD**. Below are some additional functions.

Name	Address	Comment
EXP_SendActiveExperiments	%DUMP_BASE%+0x2CF660	~
R5::FetchExperimentsForProfile	%DUMP_BASE%+0x2CE350	Sends an HTTP/S request of type POST towards an endpoint URL "experimentation/v1/fetch-experiment-grouping". It attaches various parameters including Player/Nucleus-ID, and more.
~	%DUMP_BASE%+0x57EE94	*work in progress
~	%DUMP_BASE%+0x5807E0	submit rawinput telemetry via C_NetChan::SendNetMessage

Plaintext Strings

> .rdata:00007FF7DEC95258 00000016 C anticheatMessageCount
> .rdata:00007FF7DECB3778 00000034 C
> anticheat.raw_input.match.send_buffer_overflow:1|c\n
> .rdata:00007FF7DECB37B0 0000002B C
> anticheat.raw_input.match.max_rate:%.2f|g\n
> .rdata:00007FF7DECB37E0 00000026 C
> anticheat.raw_input.match.rate:%ld|g\n
> .rdata:00007FF7DE97EA48 0000002C C c:\\depot\\r5-
> 291\\src\\security\\anybrain.pb.cc
> .rdata:00007FF7DE97DCD2 0000000E C anybrain.proto
> .rdata:00007FF7DE97DCE1 00000017 C \bAnybrain\"U\n\nPlayerData
> .rdata:00007FF7DE97DD0C 00000012 C .Anybrain.Metadata
> .rdata:00007FF7DE97DD2E 00000014 C .Anybrain.InputData\"
> .rdata:00007FF7DE97DD9E 00000014 C .Anybrain.ScreenInfo
> .rdata:00007FF7DE97DDCF 00000019 C .Anybrain.InputDeviceInfo
> .rdata:00007FF7DE97DDFF 00000022 C .Anybrain.ClientInfo\"\\\n\nScreenInfo
> .rdata:00007FF7DE97DEC9 00000020 C .Anybrain.MouseSens\"-\n\tMouseSens
> .rdata:00007FF7DE97DF36 00000019 C .Anybrain.OperatingSystem
> .rdata:00007FF7DE97DF66 00000015 C .Anybrain.Environment
> .rdata:00007FF7DE97DF92 00000014 C .Anybrain.FormFactor
> .rdata:00007FF7DE97E002 00000014 C .Anybrain.MouseInput
> .rdata:00007FF7DE97E02A 00000017 C .Anybrain.KeyboardInput
> .rdata:00007FF7DE97E052 00000014 C .Anybrain.TouchInput
> .rdata:00007FF7DE97E07C 0000001A C .Anybrain.ControllerInput\"
> .rdata:00007FF7DE97E0D6 0000001A C .Anybrain.MouseEventButton
> .rdata:00007FF7DE97E107 00000019 C .Anybrain.MouseEventMove\"
> .rdata:00007FF7DE97E14B 00000019 C .Anybrain.MouseButtonType
> .rdata:00007FF7DE97E1CE 00000012 C .Anybrain.EventRLE
> .rdata:00007FF7DE97E1ED 00000012 C .Anybrain.EventRLE
> .rdata:00007FF7DE97E20F 00000012 C .Anybrain.EventRLE
> .rdata:00007FF7DE97E235 00000012 C .Anybrain.EventRLE
> .rdata:00007FF7DE97E260 0000001E C .Anybrain.EventRLE\"+\n\bEventRLE
> .rdata:00007FF7DE97E2DD 00000028 C
> .Anybrain.KeyboardEvent\"J\n\rKeyboardEvent
> .rdata:00007FF7DE97E376 00000014 C .Anybrain.TouchEvent
> .rdata:00007FF7DE97E398 00000014 C .Anybrain.TouchEvent
> .rdata:00007FF7DE97E3BA 00000022 C .Anybrain.TouchEvent\"d\n\nTouchEvent
> .rdata:00007FF7DE97E493 0000001F C .Anybrain.ControllerEventButton
> .rdata:00007FF7DE97E4C2 00000025 C (\v2!.Anybrain.ControllerEventJoystick
> .rdata:00007FF7DE97E4F7 00000027 C (\v2
> .Anybrain.ControllerEventTrigger\"h\n
> .rdata:00007FF7DE97E54B 0000001E C .Anybrain.ControllerButtonType
> .rdata:00007FF7DE97E5AE 00000017 C .Anybrain.JoystickEvent

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.rdata:00007FF7DE97E5D3 00000028 C
.Anybrain.JoystickEvent\"3\n\rJoystickEvent
.rdata:00007FF7DE97E647 00000016 C .Anybrain.TriggerEvent
.rdata:00007FF7DE97E66B 00000019 C .Anybrain.TriggerEvent\",\n
.rdata:00007FF7DE97EA78 0000000F C anybrain.proto
.rdata:00007FF7DE97F8F8 0000001A C Anybrain.Metadata.user_id
.rdata:00007FF7DE97F918 0000001D C Anybrain.Metadata.session_id
.rdata:00007FF7DE97F938 0000001D C Anybrain.Metadata.ip_address
.rdata:00007FF7DE97F958 00000025 C Anybrain.InputDeviceInfo.device_name
.rdata:00007FF7DE97F980 0000001D C Anybrain.InputDeviceInfo.vid
.rdata:00007FF7DE97F9A0 0000001D C Anybrain.InputDeviceInfo.pid
.rdata:00007FF7DE97F9C0 0000001E C Anybrain.ClientInfo.device_id
.rdata:00007FF7DE97F9E0 00000021 C Anybrain.ClientInfo.device_model
.rdata:00007FF7DE97FA08 0000001F C Anybrain.ClientInfo.user_agent
.rdata:00007FF7DE97FA28 0000001C C Anybrain.KeyboardEvent.code
.rdata:00007FF7DEC820F9 00000011 C 8-1-anyb-rollout
```

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