



## Hack-A-Sat 2 (HAS2)

### Rules

Version 0 - 5/4/2021

[www.HackASat.com](http://www.HackASat.com)



---

Air Force Research Laboratory  
Information Directorate, RIBA  
525 Brooks Road  
Rome, New York 13441

## Document Change Summary

Section	Description	Date
N/A	Initial Release – V0	5/4/2021

## Table of Contents

1.	Introduction .....	4
2.	Qualification Event.....	4
2.1.	Qualification Event Format .....	4
2.2.	Qualification Event Scoring.....	4
2.3.	Qualification Event Technical Paper .....	5
2.4.	Advancement to the Final Event.....	5
3.	Final Event CTF.....	6
3.1.	Final Event Format .....	6
3.2.	Final Event Scoring.....	6
3.3.	Final Event Technical Paper .....	6
4.	Prizes .....	7
4.1.	Qualification Event Prizes.....	7
4.2.	Final Event Prizes.....	7
4.3.	Prize Payments .....	7
4.4.	Technical Papers.....	8
5.	Participation.....	8
5.1.	Eligibility .....	8
5.4.	Disqualification.....	11
5.5.	Communications .....	11
5.6.	Publicity.....	12
6.	Consent to Monitoring.....	12
7.	Intellectual Property .....	13
8.	Additional Information .....	13
8.1.	Event Participation Agreement.....	13
8.2.	Contest Subject to Applicable Law.....	13
8.3.	Liability .....	14
8.4.	Verification of Winners .....	14
8.5.	Resolution of Disputes .....	15
9.	Important Dates.....	15
10.	Acronyms .....	15
11.	Scope .....	16
	Appendix A.....	17

## **1. Introduction**

This document describes the rules of the joint United States Air Force & United States Space Force Hack-A-Sat 2 (HAS2) prize challenge. The HAS2 prize challenge consists of an online Qualification Event (June 26-27, 2021) and an online Final Event (Start: September 17-19, 2021). For further details on the contest including timeline, please visit [hackasat.com](http://hackasat.com).

## **2. Qualification Event**

### **2.1. Qualification Event Format**

The Qualification Event is an online contest that is open to the public via registration at [hackasat.com](http://hackasat.com). This Qualification Event will be a “Jeopardy®” style Capture The Flag (CTF) contest running over the course of 24 hours. Competitors will be given a set of challenges in one of several categories on the challenge board. At the start of the game one or more challenges will be unlocked and available for competitor teams to access. The first team to solve a challenge has the ability to unlock the next locked challenge in any given category. All teams can access and solve any unlocked challenge on the challenge board at any time during the contest. Only challenges that have been unlocked can be solved by teams. Once a challenge is unlocked and a team accesses that challenge they will be presented with a problem that will require a solution. Successfully solving a challenge results in the competitor retrieving a “flag” as the solution. Redemption of this flag to the contest website results in points being awarded to that competitor and their team.

As teams try to solve the challenges, the first team to solve a challenge in a given category has the ability to unlock a new challenge. If that team fails to unlock a new challenge on the board within 15 minutes the HAS2 organizers will choose the next challenge to unlock for them. At any point during the Qualification Event the HAS2 organizers may administratively unlock challenges in the interest of progressing the flow of the contest.

At the conclusion of the Qualification Event, the scoreboard will be frozen and teams will no longer be able to redeem flags. The top 10 highest scoring teams will receive Qualification Event prizes.

### **2.2. Qualification Event Scoring**

Competitor teams accumulate points by solving challenges on the challenge board and redeeming flags to the contest website.

Challenges in each category are arranged from easiest to hardest, with easier challenges ordered first in a category and harder challenges toward the end. Teams can only solve each challenge once and a flag can only be redeemed a single time. Challenges will be scored based

on the number of teams that have successfully solved that challenge. For example, a more difficult challenge that has fewer total solves will be awarded a higher point value than an easier challenge that has more total solves.

### **2.3. Qualification Event Technical Paper**

To receive a Qualification Event prize, a team must submit an acceptable technical paper to the HAS2 organizers describing their solutions to at least 5 of the challenges they solved during the Qualification Event. Qualification Event technical papers are due within 3 weeks of the conclusion of the Qualification Event (see Section 9 for official dates/times).

Qualification Event technical papers will be reviewed and accepted according to their accuracy and must include a background description of the challenge and a description of the techniques used to solve the challenge. Write-ups should follow the format of typical CTF write-ups. For an example of an acceptable write-up format please see (<https://github.com/ctfs/write-ups-2015/tree/master/defcon-qualifier-ctf-2015/babys-first/babyecho>). Associated source code, dependencies, and instructions for deploying the code to solve the challenge should also be provided. The HAS2 organizers will review write-ups and communicate acceptance to each team entrant official within 1-week of receipt of the technical papers.

### **2.4. Advancement to the Final Event**

Eight Finalist teams and two Alternate teams will be identified for the HAS2 Final Event, to be determined as follows:

- The top two teams from the inaugural 2020 HAS Final Event, SolarWine and PFS, will receive an automatic invitation to the HAS2 Final Event as Finalists. Their participation in the HAS2 Qualification Event is encouraged but not required. In order to accept their invitation to the Final Event, SolarWine and PFS must complete and submit the Final Event Application.
- The top 6 teams, based on total points scored in the HAS2 Qualification Event will receive an invitation to the HAS2 Final Event as Finalists. In order to accept their invitation to the Final Event, these Finalist teams must complete and submit the Final Event Application along with an acceptable technical paper.
- The 7th and 8th ranked teams, based on total points scored in the HAS2 Qualification Event will receive a conditional invitation to the HAS2 Final Event as Alternates. If a higher ranked Finalist team does not accept their invitation or complete the above requirements, the next ranked Alternate team will be invited.

### **3. Final Event CTF**

#### **3.1. Final Event Format**

The Final Event will be an “attack/defend” style CTF that occurs using a simulated space system to include a virtualized ground station, a communications subsystem, and physical satellite hardware called a flatsat. Like a more traditional attack/defend CTF, teams will have their own vulnerable system to operate and defend, while attacking opposing teams’ identical systems. A number of exploitable vulnerabilities exist in the systems and teams must patch or otherwise mitigate their own vulnerabilities to protect from exploitation attacks, while keeping the system functioning normally. The organizers regularly poll each team system to ensure its services are responding appropriately.

#### **3.2. Final Event Scoring**

Each team must operate and defend its space system. Space system operations will include performing primary and possibly secondary missions while keeping the space segment’s state-of-health (SOH) within operational norms. Making this more difficult will be the fact that various components of the space system will contain exploitable vulnerabilities. If a team successfully exploits a vulnerability in another team, i.e. recovers a “flag”, the attacking team will gain points and the other team will lose points, i.e. a zero sum game. Teams can also lose points if their system fails to perform its mission(s) or SOH falls outside of the allowed ranges. Points lost by a team for this reason are distributed to the other teams whose systems are performing nominally. Denial of Service (DoS) attacks to cause these mission failures are allowed, provided they are bonafide cyber effects of an attack. For example, crafting a command packet that crashes a flight software component on the target satellite IS a cyber effect; saturating a satellite’s uplink so it can’t receive commands is NOT a cyber effect. Teams spamming the network or uplinks will be warned and then disqualified if the behavior continues. Like a traditional attack/defend CTF, scoring occurs during rounds of a TBD interval.

The top 3 highest scoring teams will be awarded 1st, 2nd, and 3rd place respectively. The 1st place team (winner) of the CTF will be the team that accumulates the most points overall in the CTF.

#### **3.3. Final Event Technical Paper**

To receive a Final Event prize, a team must submit an acceptable technical paper to the HAS2 organizers describing their approach to winning the game, to include a description of the attack strategies and defensive measures employed during the Final Event. Final Event technical papers are due within 3 weeks of the conclusion of the Final Event (see Section 9 for official dates/times). After submission and approval of the technical paper, the team will receive their prize(s).

Formal technical write-ups must include enough detail to permit accurate stepwise understanding of the CTF challenge described. Write-ups should follow the format of typical CTF write-ups. As an example of acceptable write-up format please see (<https://github.com/ctfs/write-ups-2015/tree/master/defcon-qualifier-ctf-2015/babys-first/babyecho>). The write-ups should include a background description of the vulnerabilities discovered and a description of the techniques used to exploit and/or patch those vulnerabilities. Associated source code, dependencies and instructions for deploying the code to address these vulnerabilities shall also be provided. The HAS2 organizers will review write-ups and communicate acceptance to each entrant official.

## **4. Prizes**

### **4.1. Qualification Event Prizes**

The Qualification Event will award 10 prize packages which include \$10,000 (USD) and may include a commemorative prize trophy to each team ranked in the top ten who submit an acceptable technical paper within 3 weeks of the conclusion of the Qualification Event. Trophies will only be mailed to US addresses.

The two teams receiving automatic bids to the Final Event, SolarWine and PFS, may collect Qualification Event Prizes if they rank in the top 10 at the HAS2 Qualification Event, and submit an acceptable technical paper by the deadline.

### **4.2. Final Event Prizes**

The Final Event will award prizes to the top 3 placed teams as follows: \$50,000 first place, \$30,000 second place, \$20,000 third place. Teams must submit an acceptable technical paper within 3 weeks of the conclusion of the Final Event to claim their prize.

### **4.3. Prize Payments**

The United States Air Force may use a third party organization to distribute cash prizes to winning teams. Prizes awarded under HAS2 will be paid in United States Dollars by electronic funds transfer to the bank account specified by the winning teams' entrant official (referred to as "participant" in this section). If the winning team has multiple members, it is the responsibility of the participant, to determine the subsequent division of any prize money.

All prizes awarded to participants may be subject to tax liabilities. The HAS2 organizers will comply with the Internal Revenue Service withholding and reporting requirements, where applicable. The winning team entrant official must provide the HAS2 organizers with an appropriate U.S. taxpayer identification number (TIN) (e.g., social security number, employer identification number, etc.) within 72 hours of the announcement of the award of prizes.

Information on how to obtain a TIN is available on the U.S. Internal Revenue Service website at [www.IRS.gov](http://www.IRS.gov). Winning teams should consult a tax advisor to ensure that the prizes are handled properly and reported accurately for tax purposes.

#### **4.4. Technical Papers**

The Qualification and Final Event technical papers will be evaluated and approved according to the guidelines specified in this document. By making a submission to this prize contest, all participants (all members of the team) agree that no part of its submission includes any Trade Secret information, ideas, or products. All submissions to this prize contest are deemed non-proprietary. Since the United States Air Force and/or United States Space Force do not wish to receive or hold any submitted materials “in confidence” it is agreed that, with respect to the participant’s submission, no confidential or fiduciary relationship or obligation of secrecy is established between the U.S. Government, HAS2 organizers, and the participant, the participant’s team, or the company or institution the participant represents when submitting, or any other person or entity associated with any part of the participant’s submission.

### **5. Participation**

A full list of dates and deadlines pertaining to participation in the HAS2 can be found in Section 9: Important Dates, and on the HAS2 website ([www.HackASat.com](http://www.HackASat.com)).

#### **5.1. Eligibility**

HAS2 is open to all individuals, nationalities, ages, academic institutions, and business entities, subject to the caveats below:

- An entrant may be an individual competing alone or a team representing an academic institution, business, or group of individuals. Each entrant must include at least one U.S. citizen or permanent resident. Entrants may enter under an official affiliation (e.g., a university or corporation). Entrants may also have an official set of sponsors. Affiliations and sponsors must be disclosed on the Final Event Application.
- Only one application per team shall be submitted.
- Each team must identify one Entrant Official and one Team Leader. The Entrant Official and the Team Leader may be the same individual. The Entrant Official must be a U.S. citizen or permanent resident and must speak English. This individual will serve as the official administrative point of contact for communications with the HAS2 organizers. The Team Leader must speak English and will serve as the official technical point of contact for communications with the HAS2 organizers.
- Individual teams are to be wholly separate entities that do not share members/affiliations or sponsorship (financial interests) with other teams. Individuals

cannot be members of multiple teams. Teams may have one or more sponsors. Teams may not collaborate or share their technical approaches and solutions with other teams. Teams who do not comply with these guidelines will be subject to disqualification.

- Teams consisting of players who were/are members of the same organization prior to HAS2 may be permitted to compete as long as the teams do not collaborate and do not share organizational sponsorship. Organizations which form to compete in HAS2 may only field one team.
- An entrant shall not be deemed ineligible because the entrant used Federal facilities or consulted with Federal employees during the contest if the facilities and employees are made available to all individuals and entities participating in the contest on an equitable basis.
- All participants (any individual who enters the contest) under 18 years of age require written authorization of a parent or guardian. See Appendix A.
- To be eligible for a cash prize refer to section 4.3
- The entrant official and team leader will be cross checked with the U.S. Treasury Office of Foreign Assets Control - Sanctions Programs <https://www.treasury.gov/resource-center/sanctions/SDN-List/Pages/consolidated.aspx>

The following individuals and organizations are not eligible to participate in HAS2 events:

- Individuals, organizations or sponsors that are named in the Specially Designated Nationals list of the U.S. Department of Treasury.
- Official Government entities (from the U.S. or any other country) are not eligible to participate as entrants, sponsors or official affiliates. Government employees (from the U.S. or any other country) acting within the scope of their employment are not eligible to participate as entrants, entrant officials, team leaders or team members.
- Government Military members or Civilian employees may be eligible to participate if done so in their personal capacity and if the work performed for the contest is NOT related to their official government duties. Government members or employees should first consult their supervisors and designated agency ethics officials before participating in the contest.
- U.S. DoD service members and civilian employees may participate in their personal capacity, on authorized leave, and are eligible for rewards and prizes given to competitors in contests or events, including random drawings, open to the public unless the employee's entry into the contest or event is required as part of the employee's official duties. See 5 C.F.R. 2635.203(b)(5).
- Applicants should follow their parent organization's rules and regulations regarding outside activities.

- Persons or entities that received funds for supporting or advising the HAS2 organizers are not eligible to participate.

## 5.2. Qualification Event Registration

Participants (individual players) must register for the Qualification Event on the HAS2 website. Once registered, participants may create a new team or join an existing team. Individual participants will receive a confirmation number upon successful registration. Participants must save this confirmation number and only use it for communication with the HAS2 organizers. This number will be used for identity verification should a team qualify for the Final Event.

Participants must be registered and/or become a member of a team prior to the conclusion of the Qualification Event to be eligible.

## 5.3. Final Event Application

Each Finalist team must complete all parts of the Final Event Application and submit it via email to [Shout@HackASat.com](mailto:Shout@HackASat.com) no later than July 7, 2021 to be eligible to participate in the Final Event.

The HAS2 organizers will acknowledge receipt of completed applications via email. Upon receipt of each team's registration, the HAS2 organizers will assign a team reference number which must be included on all team correspondence with the HAS2 organizers.

Once all of the Final Event Applications have been received from the Finalist teams, the HAS2 organizers will identify any potential conflicts and notify the Entrant Officials. Entrants will then have the opportunity to address any perceived conflicts to ensure they are not disqualified.

Incomplete registrations and applications received after the deadline will not be accepted. The United States Air Force or United States Space Force may disqualify any team that does not meet the eligibility requirements specified herein.

Applications may be withdrawn at any time via email to [shout@HackASat.com](mailto:shout@HackASat.com). All questions regarding eligibility and participation must be directed to the HAS2 mailbox, [shout@HackASat.com](mailto:shout@HackASat.com).

Registration information collected by the United States Air Force and United States Space Force will be used solely for the purpose of administering the event. Registration information will not be distributed to any parties outside of the Department of Defense nor released for any other purpose except as noted in this document.

## **5.4. Disqualification**

This is a game and the contest is expected to be challenging, competitive and fun. In order to maintain the integrity and fairness of the contest and to ensure the game remains competitive, the following rules must be followed:

- Utilizing or engaging in non-specific denial-of-service (DoS) attacks, such as packet flooding for network denial of service, against other competitors is strictly forbidden
- All patches to open-source software must be made available according to open source license guidelines
- Any vulnerabilities discovered in open-source software must be made available to the public via a public disclosure process
- No physical coercion or intimidation is allowed
- Any acts of sabotage, tampering, misuse, attacks, or use without consent of the contest organizers property, contest infrastructure, equipment, software, or items that pertain to the contest that are outside of the contest environment are expressly forbidden

Any violations related to the above may result in immediate disqualification. Due to the nature of the contest infrastructure, exceptions will be examined on a case-by-case basis at the discretion of the HAS2 organizers. The HAS2 organizers reserve the right at any time to update these rules before and during the contest to maintain the integrity and fairness of the contest.

The HAS2 organizers reserve the right to warn and subsequently disqualify a participant whose actions are deemed to violate the spirit of the contest for any reason, including, but not limited to, the violation of relevant laws or regulations in the course of participation in the contest.

## **5.5. Communications**

The official communication channel between HAS2 Organizers and participating teams is via the shout@hackasat.com mailbox. Any questions or issues from teams should be formally submitted to shout@hackasat.com. The HAS2 organizers will disseminate an appropriate response to questions received to all teams via a FAQ process, to ensure that answers do not give any team an unfair advantage. In doing so, HAS2 organizers may rephrase questions to anonymize the submitting team, or make it more generally applicable to all teams.

In addition, HAS2 organizers and teams will be able to communicate informally through the spacesecuritychall.slack.com workspace. HAS2 organizers will set up separate private channels for communications between HAS2 organizers and each team, as well as public channels for communications between HAS2 organizers and all teams, specific to both the HAS2 Qualification Event and Final Event.

## **5.6. Publicity**

All teams that participate in the HAS2 contest may be listed on the HAS2 website to enable the event to be tracked by interested members of the public. Public information may include performance results from HAS2 events and general information updates. The names and photographs of the Finalist teams may be posted on the HAS2 website, featured on the Air Force's and/or Space Force's websites, newsletters, social media, other outreach materials, and released to the media.

During the Final Event, equipment may be used to photograph, record video and sound, and film footage in connection with the production of documentary content by third-party producer(s). Your presence (physically or virtually) at the event is an acknowledgment that you have been informed that you may be photographed, video recorded, and filmed; and, that you grant permission for your likeness and voice to be used without compensation, credit, or other consideration in any media now known or hereafter devised, in perpetuity and throughout the universe, to include the advertising and publicity thereof. If you do not wish to be subject to the foregoing, please do not attend the event.

## **6. Consent to Monitoring**

The HackASat.com public website and the Hack-A-Sat CTF network are property of the U.S. Government. Participants (teams and individuals of those teams) acknowledge they are accessing a U.S. Government (USG) Information System (IS) that is provided for USG-authorized use only.

By using this IS (which includes any device attached to this IS), you consent to the following conditions:

- The USG routinely intercepts and monitors communications on this IS for purposes including, but not limited to, penetration testing, COMSEC monitoring, network operations and defense, personnel misconduct (PM), law enforcement (LE), and counterintelligence (CI) investigations.
- At any time, the USG may inspect and seize data stored on this IS.
- Communications using, or data stored on, this IS are not private, are subject to routine monitoring, interception, and search, and may be disclosed or used for any USG authorized purpose.
- This IS includes security measures (e.g., authentication and access controls) to protect USG interests - not for your personal benefit or privacy.

Notwithstanding the above, using this IS does not constitute consent to PM, LE or CI investigative searching or monitoring of the content of privileged communications, or work

product, related to personal representation or services by attorneys, psychotherapists, or clergy, and their assistants. Such communications and work product are private and confidential.

## **7. Intellectual Property**

All technical papers and provided supporting materials as outlined above will be delivered to the Air Force and Space Force with Government Purpose Rights as defined in 48 CFR § 252.227-7013 – Rights in technical data – Noncommercial items. The Air Force and Space Force will only use the materials submitted by teams for official government purposes.

The Air Force and Space Force do not authorize or consent to participants infringing on any U.S. patent or copyright while participating in the HAS2.

## **8. Additional Information**

Nothing in these rules, including information on the HAS2 website and communications by the Air Force, Space Force officials and HAS2 organizers, may be interpreted as authorizing the incurrence of any costs or modifying the statement of work or authorizing work outside the terms and conditions of any existing agreements or contracts with the Air Force and/or Space Force.

### **8.1. Event Participation Agreement**

Participation in the Final Event will be governed by the Event Participation Agreement. These Agreements will define the boundaries of the collaborative contest within each event as well as assign IP rights to data transmitted during each event to the Air Force and/or Space Force. Acceptance of the Event Participation Agreements is mandatory for participation in the Final Event.

Each individual (whether participating singly or in a group) and entity participating in this contest must comply with all terms and conditions of these rules, and participation in this contest constitutes each participant's full and unconditional agreement to abide by these rules.

### **8.2. Contest Subject to Applicable Law**

This prize contest is authorized under 10 U.S.C. § 2374a, which authorizes the Secretary of Defense to award prizes in recognition of outstanding achievements in basic, advanced, and applied research, technology development, and prototype development that have the potential for application to the performance of military missions of the Department of Defense.

All contests are subject to all applicable federal laws and regulations. Participation constitutes each Participant's full and unconditional agreement to these official rules and administrative

decisions, which are final and binding in all matters related to the contest. Eligibility for a prize award is contingent upon fulfilling all requirements set forth herein. This notice is not an obligation of funds; the final award of prizes is contingent upon the availability of appropriations.

Participation is subject to all U.S. federal, state, and local laws and regulations. Participants are responsible for checking applicable laws and regulations in their jurisdiction(s) before participating in the prize contest to ensure that their participation is legal. The Air Force nor Space Force, shall not, by virtue of conducting this prize contest, be responsible for compliance by Participants in the prize contest with Federal Law including licensing, export control, and nonproliferation laws, and related regulations. Individuals entering on behalf of or representing a company, institution, or other legal entity are responsible for confirming that their entry does not violate any policies of that company, institution, or legal entity.

### **8.3. Liability**

By submitting its application and acceptance to the HAS2 contest, all Teams and Participants AGREE TO ASSUME ANY AND ALL RISKS AND WAIVE CLAIMS AGAINST THE Federal Government and its related entities, except in the case of willful misconduct, for any injury, death, damage, or loss of property, revenue, or profits, whether direct, indirect or consequential, arising from participation in this prize contest, whether the injury, death, damage or loss arises through negligence or otherwise.

Insurance: Participants are not required to obtain liability insurance for this contest.

Indemnification: Participants agree to indemnify the Federal Government against third party claims for damages arising from or related to contest activities.

By registering and/or participating in the HAS2, each individual (whether competing singly or in a group) or entity agrees to indemnify the U.S. Government from any and all liability and costs arising from or related to the participant's participation in the contest.

### **8.4. Verification of Winners**

All contest winners will be subject to verification of identity, qualifications, and role in the creation of the submission by the HAS2 organizers.

Participants must comply with all terms and conditions of the HAS2 Rules. Winning a prize is contingent upon fulfilling all requirements contained herein. Winners from the Qualification and Final Events will be notified by email, telephone, or mail after the conclusion of each event. Each Winner of monetary or non-monetary awards will be required to sign and return the Payment Information Form and the Participant Eligibility Verification Form with their Final Event Application, in order to claim the prize.

In the sole discretion of the Air Force and/or Space Force, a potential winner will be deemed ineligible to win if: (i) the entrant cannot be contacted; (ii) the entrant fails to sign and return the Payment Information Form and the Participant Eligibility Verification Form within the required time period; (iii) the prize or prize notification is returned as undeliverable; or (iv) the submission or entrant is disqualified for any other reason. In the event of a disqualification of a winner, the Air Force and/or Space Force in their sole discretion may award the applicable prize to an alternate winner, when applicable.

## **8.5. Resolution of Disputes**

The Air Force and Space Force are the final decision authorities for all matters concerning HAS2. The Air Force and Space Force reserve the right, in its sole discretion, to (a) cancel, suspend, or modify the contest without notice, and/or (b) not award any prizes if no entries are deemed worthy. Decisions by the Air Force and Space Force are final and binding in all matters related to the contest.

## **9. Important Dates**

- Registration Opens: May 4, 2021
- Qualification Event Start: June 26, 2021, 2 pm UTC/10 am EDT/7 am PDT
- Registration Closes: June 27, 2021, 8 pm UTC/4 pm EDT/1 pm PDT
- Qualification Event Conclusion: June 27, 2021, 8 pm UTC/4 pm EDT/1 pm PDT
- Final Event Applications Due: July 7, 2021
- Qualification Event Technical Papers Due: July 18, 2021
- Final Event Invitations sent: July 23, 2021
- Final Event Start: September 17, 2021, 10 pm UTC/6 pm EDT/3 pm PDT
- Final Event Conclusion: September 19, 2021, 10 pm UTC/6 pm EDT/3 pm PDT
- Final Event Technical Papers Due: October 10, 2021

## **10. Acronyms**

ACH	Automated Clearing House
CTF	Capture the Flag
DoD	Department of Defense
HAS2	Hack-A-Sat 2
OMB	Office of Management and Budget
SSC	Space Security Challenge
TIN	Taxpayer Identification Number

## **11. Scope**

All documents including this rules document will be posted and updated on the HAS2 website, [www.HackASat.com](http://www.HackASat.com). All HAS2 documents including these rules shall be considered living documents, subject to update and clarification throughout the HAS2 contest.

This version of the rules is subject to change and may be superseded by later versions. The Air Force and/or Space Force has the authority to modify and interpret the rules at any time.

## Appendix A

### Parent or Legal Guardian Consent Form and Liability Waiver

Completed forms shall be emailed to [shout@hackasat.com](mailto:shout@hackasat.com) prior to the minors participation in Hack-a-Sat 2 prize challenge events.

Team Name: \_\_\_\_\_

I/we \_\_\_\_\_ acknowledge that I/we am/are the  
(Printed Name of Parent(s) or Legal Guardian(s))

[ ] parent(s) or [ ] legal guardian(s), of \_\_\_\_\_, and that I/we give  
(Printed Name of Minor Team Member)

permission for them to participate in the Hack-A-Sat 2 prize challenge. I/we agree that the Minor Team Member will comply with all of the Rules outlined in the HAS2 Rules document.

By consenting to my Minor Team Member's participation, I/we AGREE TO ASSUME ANY AND ALL RISKS AND WAIVE any and all CLAIMS AGAINST THE United States Government, its agencies, employees, contractors, consultants, representatives and any related entities, except in the case of willful misconduct, for any injury, death, damage, or loss of property, revenue, or profits, whether direct, indirect or consequential, arising from participation in this prize contest, whether the injury, death, damage or loss arises through negligence or otherwise.

By consenting to my Minor Team Member's participation in the event, I/we agree to indemnify the U.S. Government from any and all liability and costs arising from or related to my Minor Team Member's participation in the contest.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_